

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041725\
 Data File : VY021902.D
 Acq On : 17 Apr 2025 10:06
 Operator : SY/MD
 Sample : VY0417SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0417SBS01

Quant Time: Apr 18 03:54:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.713	168	210000	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	321589	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	285584	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	150278	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	103171	45.344	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.680%
35) Dibromofluoromethane	7.634	113	102538	49.153	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.300%
50) Toluene-d8	10.109	98	391144	49.287	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.580%
62) 4-Bromofluorobenzene	12.407	95	132540	49.375	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.740%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	37743	17.340	ug/l	98
3) Chloromethane	2.068	50	54513	17.811	ug/l	100
4) Vinyl Chloride	2.208	62	60100	17.364	ug/l	98
5) Bromomethane	2.592	94	44621	18.901	ug/l	98
6) Chloroethane	2.732	64	41061	18.129	ug/l	97
7) Trichlorofluoromethane	3.055	101	83547	18.843	ug/l	98
8) Diethyl Ether	3.452	74	22058	18.293	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	46620	19.935	ug/l	99
10) Methyl Iodide	4.007	142	47020	18.328	ug/l	100
11) Tert butyl alcohol	4.878	59	11014	74.527	ug/l #	90
12) 1,1-Dichloroethene	3.787	96	41106	18.662	ug/l	97
13) Acrolein	3.659	56	8941	33.133	ug/l	96
14) Allyl chloride	4.385	41	62939	17.921	ug/l	97
15) Acrylonitrile	5.067	53	42406	84.229	ug/l	97
16) Acetone	3.879	43	37231	79.953	ug/l	95
17) Carbon Disulfide	4.104	76	124701	17.188	ug/l	99
18) Methyl Acetate	4.391	43	21561	18.682	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	94997	17.323	ug/l	99
20) Methylene Chloride	4.616	84	47874	18.580	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	45277	18.669	ug/l	95
22) Diisopropyl ether	6.018	45	139921	18.992	ug/l	95
23) Vinyl Acetate	5.964	43	364693	84.618	ug/l	100
24) 1,1-Dichloroethane	5.915	63	85736	19.462	ug/l	98
25) 2-Butanone	6.896	43	53699	80.737	ug/l	93
26) 2,2-Dichloropropane	6.884	77	77433	19.760	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	51449	18.864	ug/l	99
28) Bromochloromethane	7.244	49	35462	19.087	ug/l	98
29) Tetrahydrofuran	7.262	42	33368	77.952	ug/l	100
30) Chloroform	7.421	83	89160	19.459	ug/l	97
31) Cyclohexane	7.701	56	71812	17.883	ug/l #	95
32) 1,1,1-Trichloroethane	7.622	97	81476	19.674	ug/l	99
36) 1,1-Dichloropropene	7.835	75	63530	19.994	ug/l	99
37) Ethyl Acetate	6.988	43	24127	16.089	ug/l #	94
38) Carbon Tetrachloride	7.823	117	72910	20.034	ug/l	96
39) Methylcyclohexane	9.109	83	70461	18.563	ug/l	95
40) Benzene	8.085	78	189416	19.906	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	11533	14.482	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	52440	19.548	ug/l	100
43) Isopropyl Acetate	8.201	43	48375	17.023	ug/l	98
44) Trichloroethene	8.865	130	50225	20.715	ug/l	99
45) 1,2-Dichloropropane	9.140	63	45722	20.299	ug/l	96
46) Dibromomethane	9.231	93	24792	19.098	ug/l	99
47) Bromodichloromethane	9.426	83	66363	19.729	ug/l	97
48) Methyl methacrylate	9.219	41	22671	17.382	ug/l	98
49) 1,4-Dioxane	9.231	88	4703	338.194	ug/l	96
51) 4-Methyl-2-Pentanone	9.999	43	124478	84.171	ug/l	99
52) Toluene	10.170	92	118985	20.042	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	55452	18.560	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	67528	19.159	ug/l	97
55) 1,1,2-Trichloroethane	10.572	97	32500	19.455	ug/l	98
56) Ethyl methacrylate	10.438	69	36742	17.225	ug/l	98
57) 1,3-Dichloropropane	10.719	76	55302	19.168	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.713	63	96454	92.692	ug/l	100
59) 2-Hexanone	10.761	43	80667	81.904	ug/l	100
60) Dibromochloromethane	10.914	129	44910	19.690	ug/l	98
61) 1,2-Dibromoethane	11.017	107	29376	18.746	ug/l	97
64) Tetrachloroethene	10.652	164	57338	22.044	ug/l	96
65) Chlorobenzene	11.444	112	131248	20.048	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	46356	19.958	ug/l	98
67) Ethyl Benzene	11.524	91	217964	19.416	ug/l	100
68) m/p-Xylenes	11.627	106	173548	40.372	ug/l	98
69) o-Xylene	11.956	106	80164	20.202	ug/l	97
70) Styrene	11.969	104	132422	20.015	ug/l	98
71) Bromoform	12.133	173	26381	19.911	ug/l #	100
73) Isopropylbenzene	12.255	105	209887	18.804	ug/l	100
74) N-amyl acetate	12.072	43	41324	15.775	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.511	83	34065	16.975	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	47420	31.833	ug/l #	100
77) Bromobenzene	12.536	156	51425	19.189	ug/l	96
78) n-propylbenzene	12.596	91	259109	19.309	ug/l	100
79) 2-Chlorotoluene	12.682	91	150200	19.271	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	176089	19.303	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	9926	15.353	ug/l	98
82) 4-Chlorotoluene	12.779	91	153795	18.927	ug/l	99
83) tert-Butylbenzene	12.999	119	153203	18.855	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	175850	19.504	ug/l	100
85) sec-Butylbenzene	13.176	105	233374	19.654	ug/l	99
86) p-Isopropyltoluene	13.291	119	192602	19.625	ug/l	99
87) 1,3-Dichlorobenzene	13.291	146	102341	19.383	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	103691	19.877	ug/l	99
89) n-Butylbenzene	13.621	91	174047	19.176	ug/l	99
90) Hexachloroethane	13.883	117	42280	19.659	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	89039	19.372	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5288	17.002	ug/l	94
93) 1,2,4-Trichlorobenzene	14.925	180	46705	18.738	ug/l	96
94) Hexachlorobutadiene	15.029	225	32874	21.118	ug/l	98
95) Naphthalene	15.145	128	70866	17.153	ug/l	98
96) 1,2,3-Trichlorobenzene	15.334	180	40207	18.917	ug/l	100

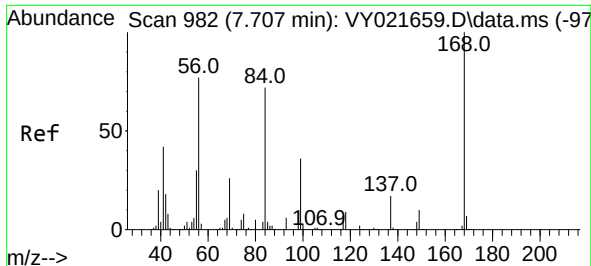
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041725\
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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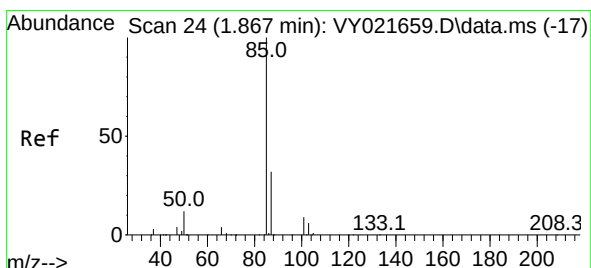
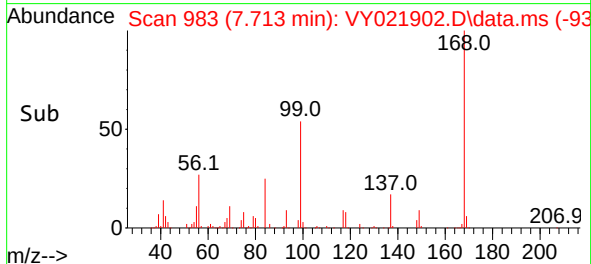
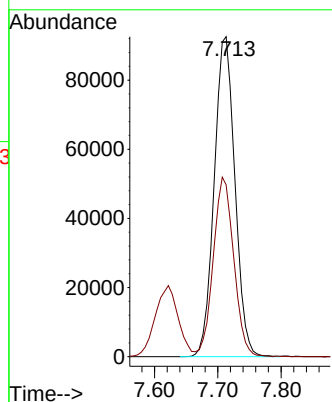
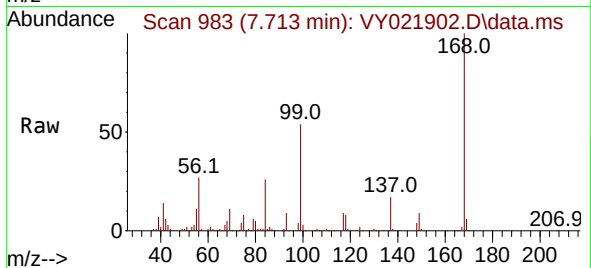
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021902.D
Acq: 17 Apr 2025 10:06

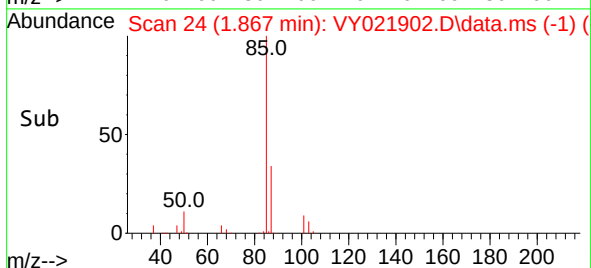
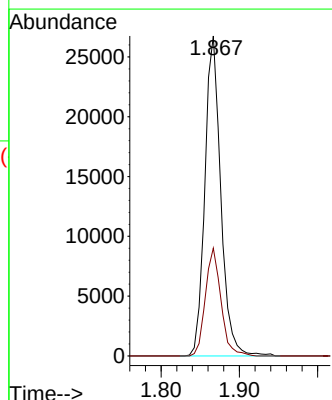
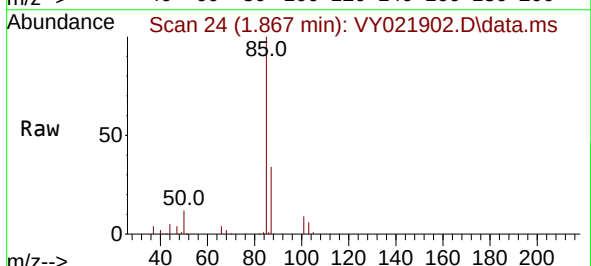
Instrument :
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VY0417SBS01

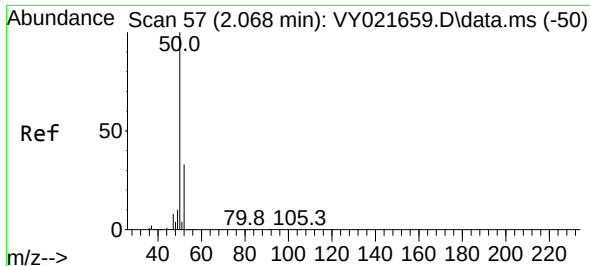
Tgt Ion:168 Resp: 210000
Ion Ratio Lower Upper
168 100
99 53.6 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 17.340 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021902.D
Acq: 17 Apr 2025 10:06

Tgt Ion: 85 Resp: 37743
Ion Ratio Lower Upper
85 100
87 33.7 16.2 48.6

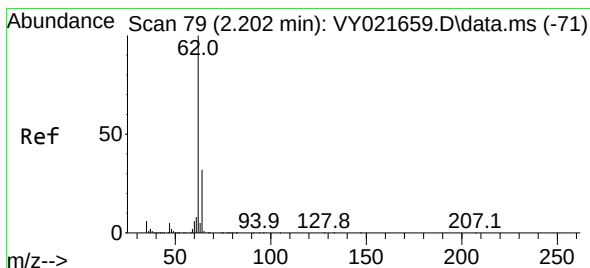
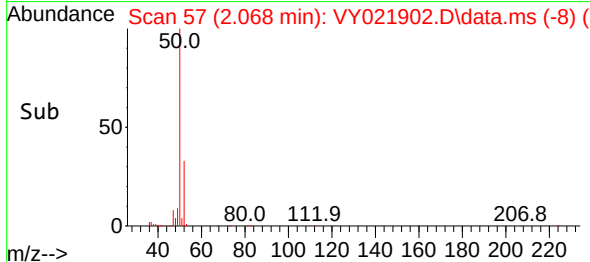
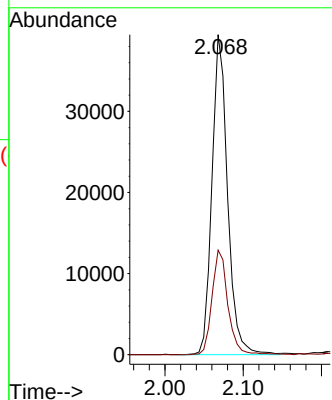
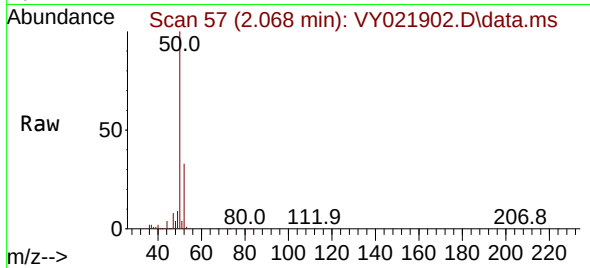




#3
Chloromethane
Concen: 17.811 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021902.D
Acq: 17 Apr 2025 10:06

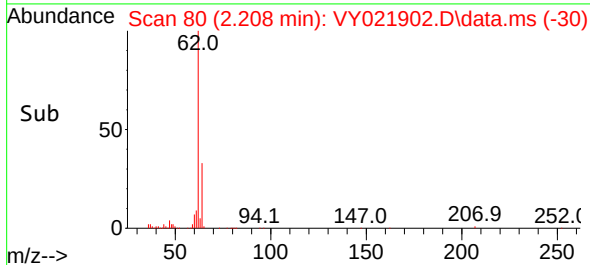
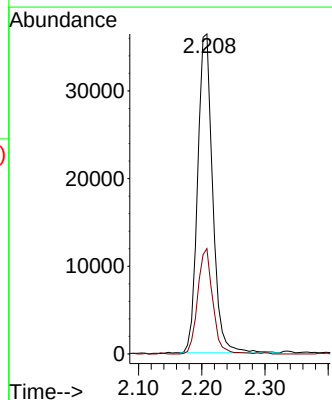
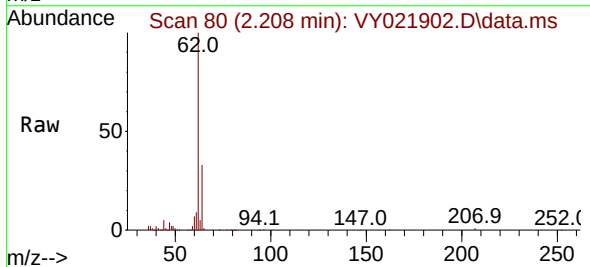
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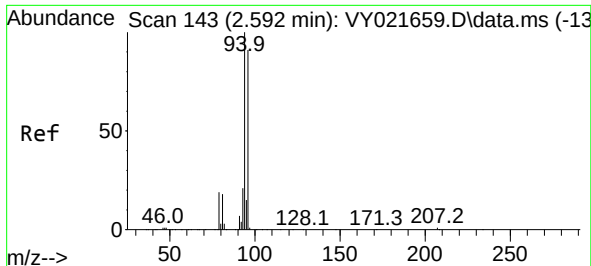
Tgt Ion: 50 Resp: 54513
Ion Ratio Lower Upper
50 100
52 32.7 26.3 39.5



#4
Vinyl Chloride
Concen: 17.364 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY021902.D
Acq: 17 Apr 2025 10:06

Tgt Ion: 62 Resp: 60100
Ion Ratio Lower Upper
62 100
64 33.0 25.5 38.3

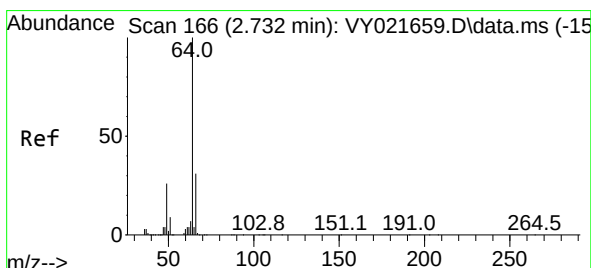
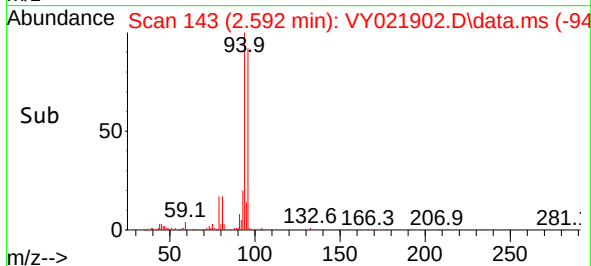
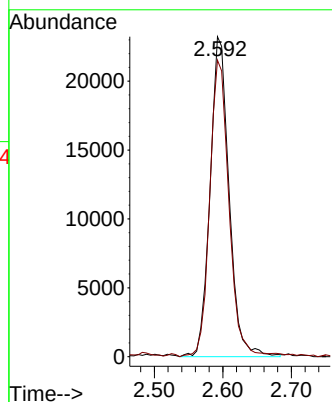
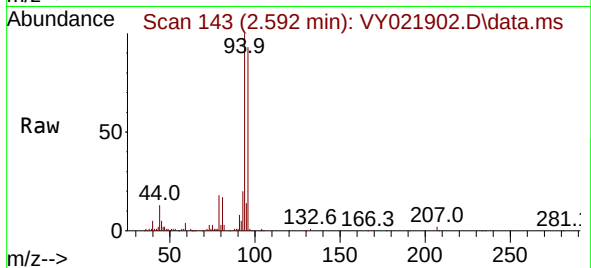




#5
Bromomethane
Concen: 18.901 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021902.D
Acq: 17 Apr 2025 10:06

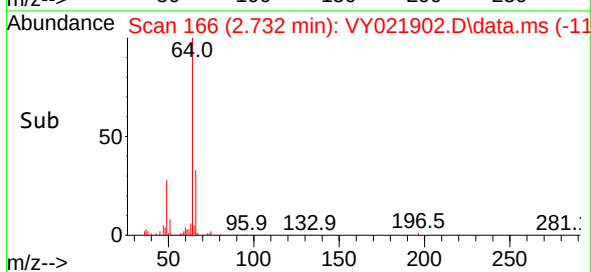
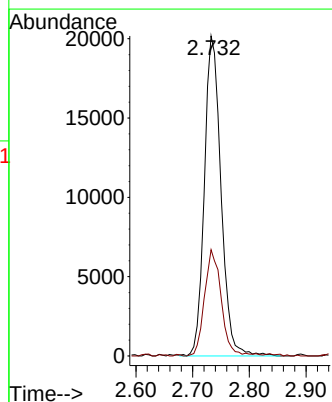
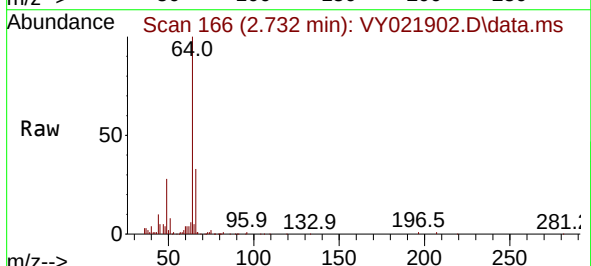
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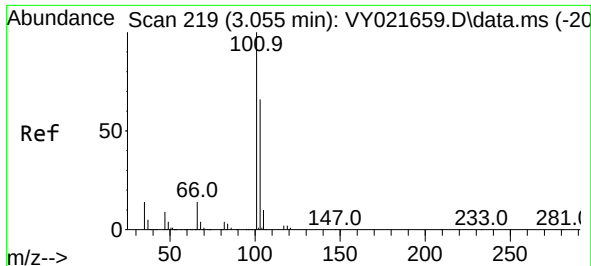
Tgt Ion: 94 Resp: 44621
Ion Ratio Lower Upper
94 100
96 92.6 72.8 109.2



#6
Chloroethane
Concen: 18.129 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021902.D
Acq: 17 Apr 2025 10:06

Tgt Ion: 64 Resp: 41061
Ion Ratio Lower Upper
64 100
66 32.8 24.9 37.3

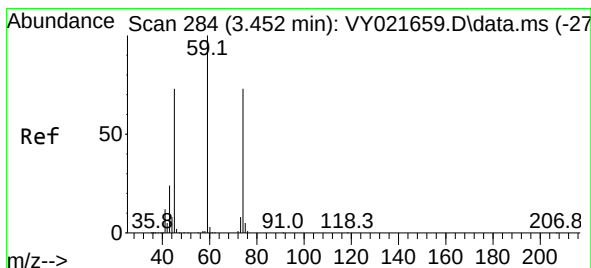
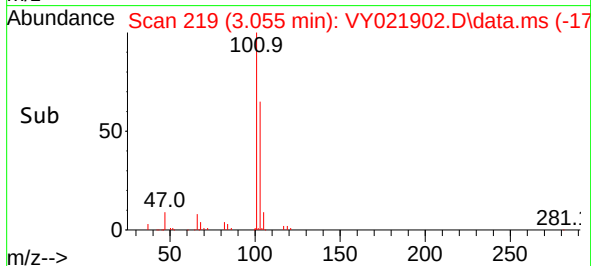
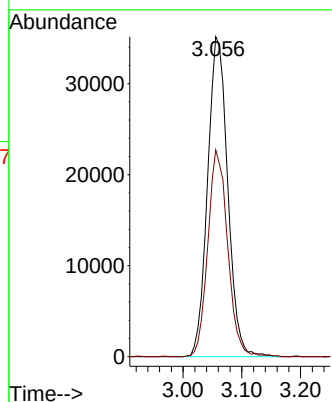
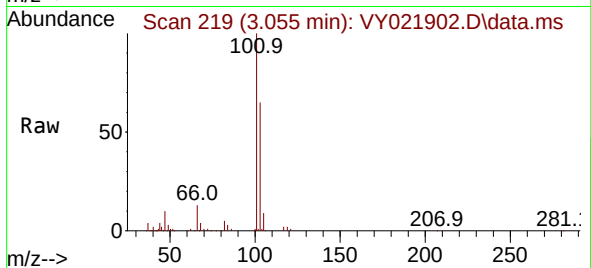




#7
 Trichlorofluoromethane
 Concen: 18.843 ug/l
 RT: 3.055 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021902.D
 Acq: 17 Apr 2025 10:06

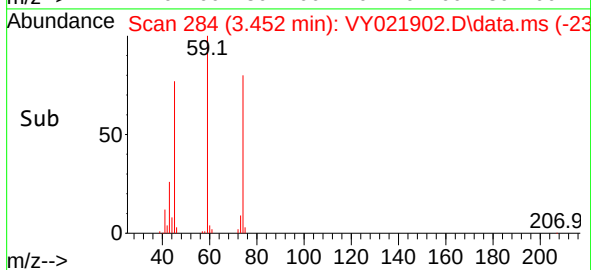
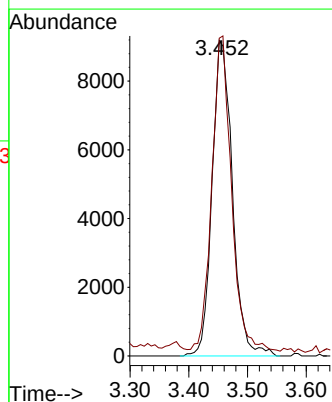
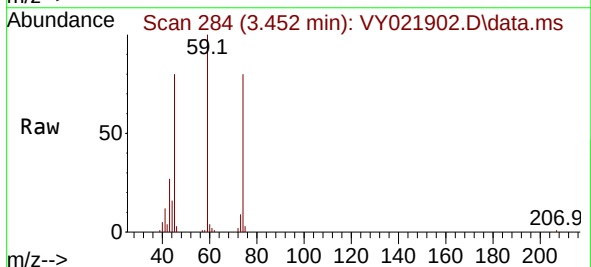
Instrument :
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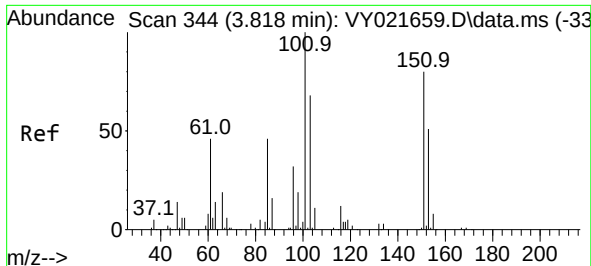
Tgt Ion:101 Resp: 83547
 Ion Ratio Lower Upper
 101 100
 103 64.6 53.1 79.7



#8
 Diethyl Ether
 Concen: 18.293 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY021902.D
 Acq: 17 Apr 2025 10:06

Tgt Ion: 74 Resp: 22058
 Ion Ratio Lower Upper
 74 100
 45 96.4 48.6 145.8

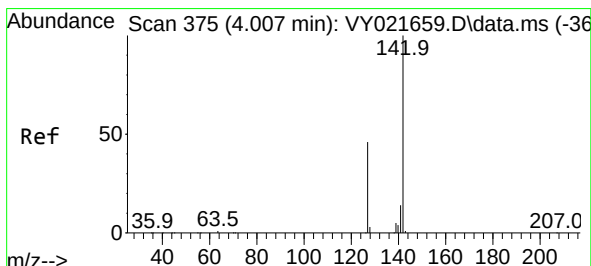
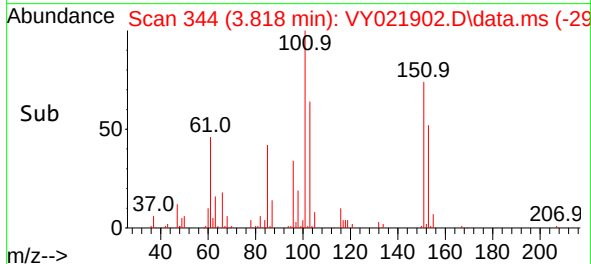
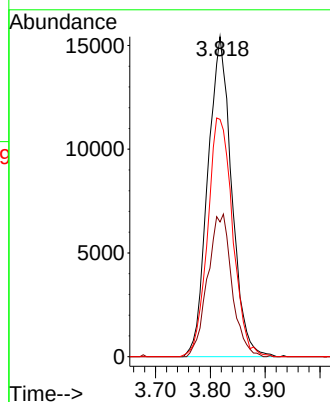
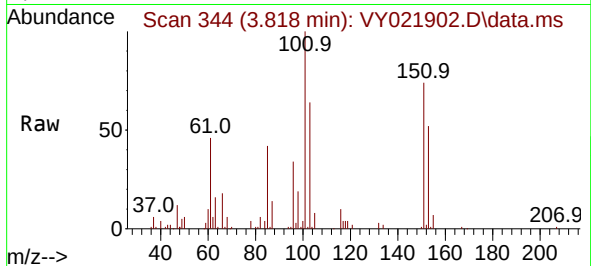




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.935 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY021902.D
Acq: 17 Apr 2025 10:06

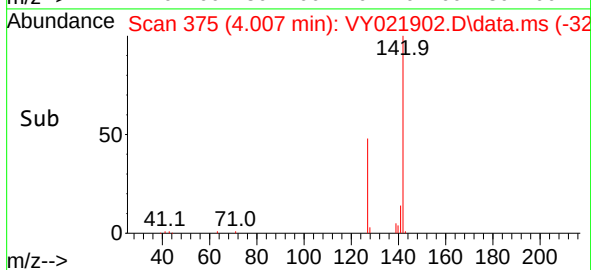
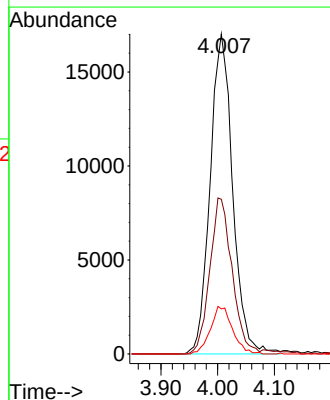
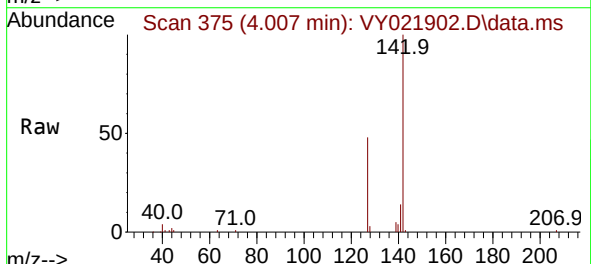
Instrument :
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ClientSampleId :
VY0417SBS01

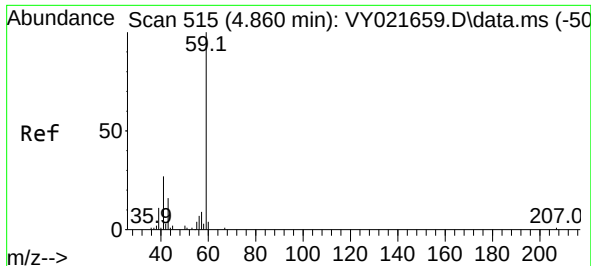
Tgt Ion:101 Resp: 46620
Ion Ratio Lower Upper
101 100
85 45.3 36.3 54.5
151 78.1 61.3 91.9



#10
Methyl Iodide
Concen: 18.328 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY021902.D
Acq: 17 Apr 2025 10:06

Tgt Ion:142 Resp: 47020
Ion Ratio Lower Upper
142 100
127 48.1 38.7 58.1
141 14.5 11.5 17.3

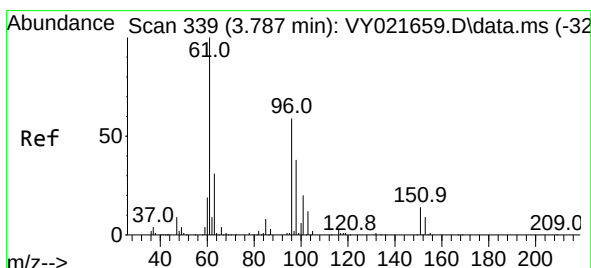
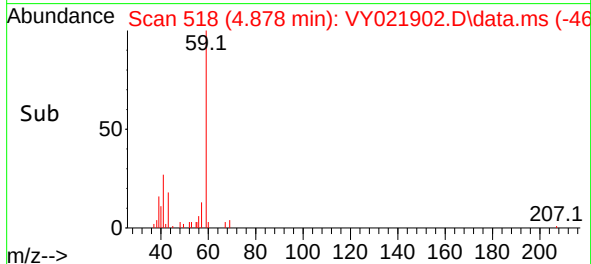
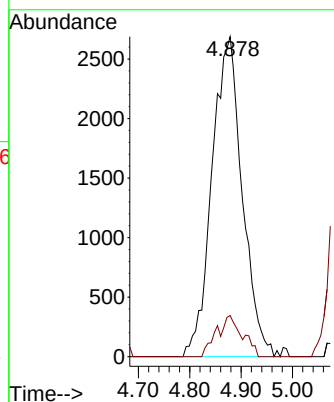
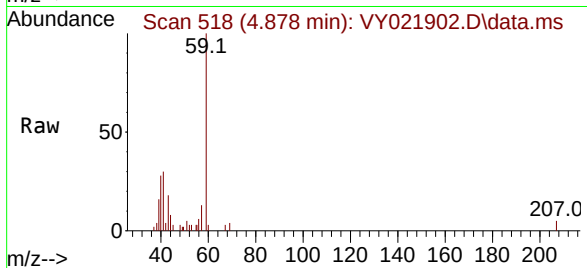




#11
Tert butyl alcohol
Concen: 74.527 ug/l
RT: 4.878 min Scan# 515
Delta R.T. 0.018 min
Lab File: VY021902.D
Acq: 17 Apr 2025 10:06

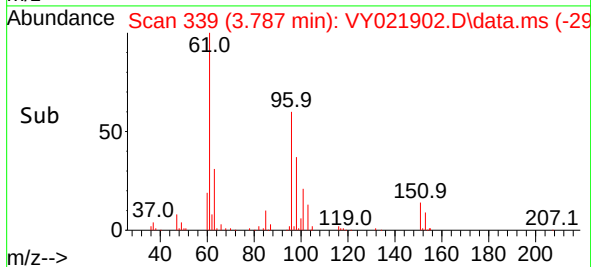
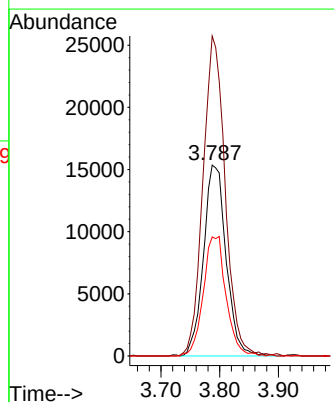
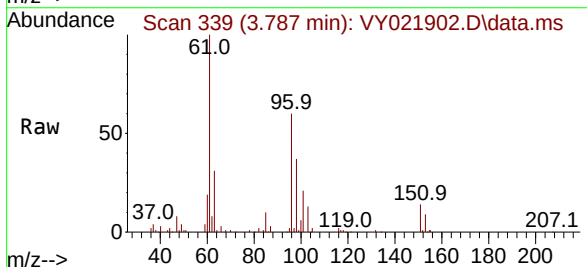
Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBS01

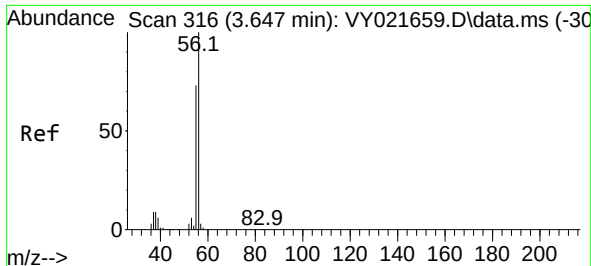
Tgt Ion: 59 Resp: 11014
Ion Ratio Lower Upper
59 100
57 7.7 9.2 13.8#



#12
1,1-Dichloroethene
Concen: 18.662 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021902.D
Acq: 17 Apr 2025 10:06

Tgt Ion: 96 Resp: 41106
Ion Ratio Lower Upper
96 100
61 167.3 136.6 204.8
98 62.4 52.3 78.5





#13

Acrolein

Concen: 33.133 ug/l

RT: 3.659 min Scan# 316

Delta R.T. 0.012 min

Lab File: VY021902.D

Acq: 17 Apr 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

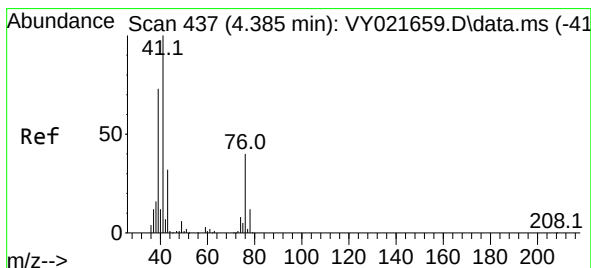
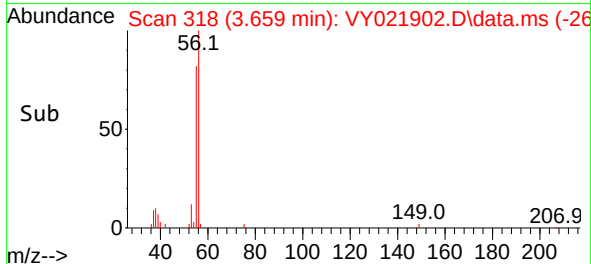
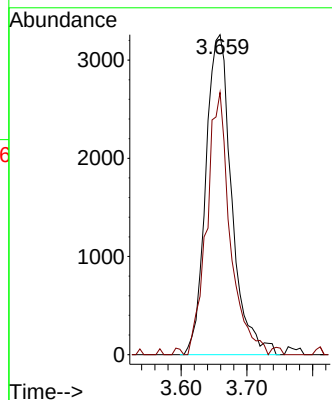
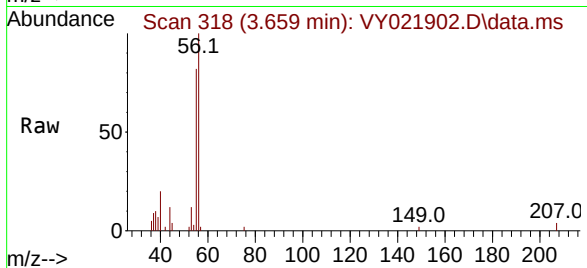
VY0417SBS01

Tgt Ion: 56 Resp: 8941

Ion Ratio Lower Upper

56 100

55 73.9 56.6 85.0



#14

Allyl chloride

Concen: 17.921 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY021902.D

Acq: 17 Apr 2025 10:06

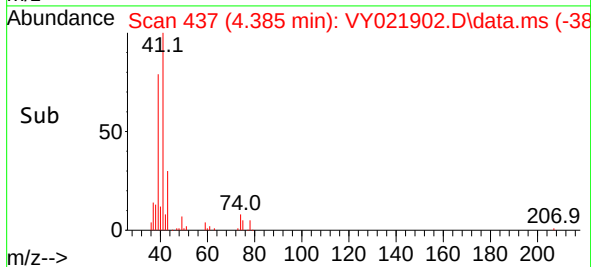
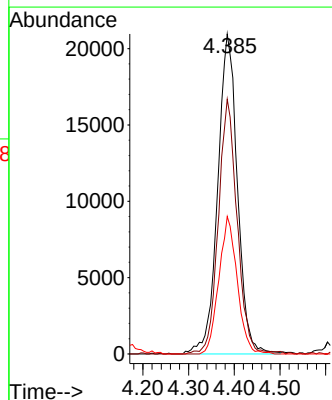
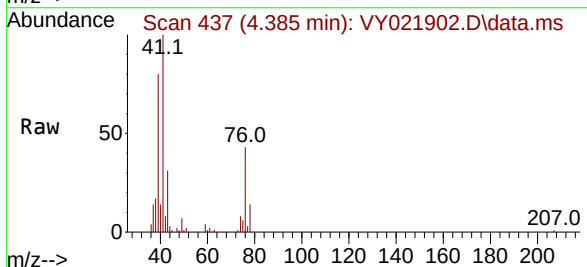
Tgt Ion: 41 Resp: 62939

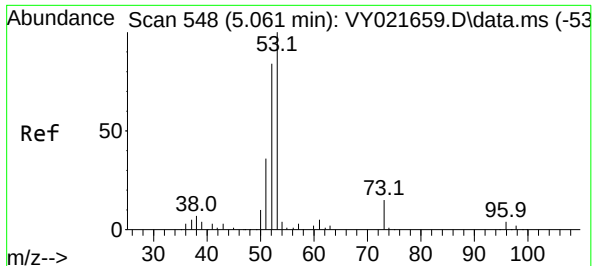
Ion Ratio Lower Upper

41 100

39 75.7 58.6 88.0

76 40.0 30.3 45.5

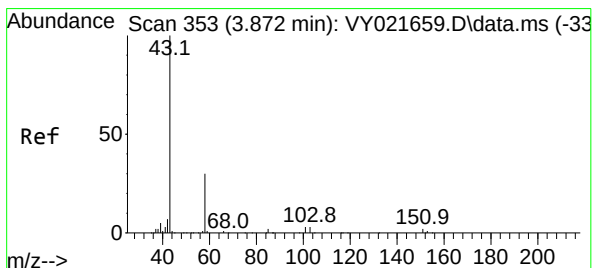
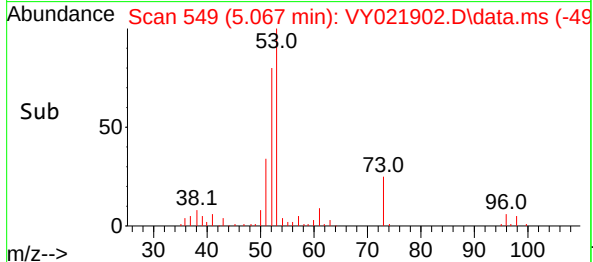
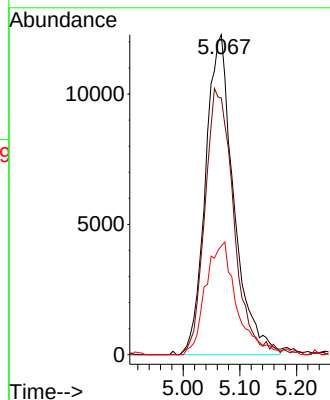
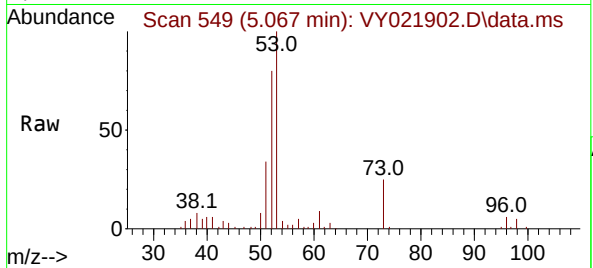




#15
Acrylonitrile
Concen: 84.229 ug/l
RT: 5.067 min Scan# 548
Delta R.T. 0.006 min
Lab File: VY021902.D
Acq: 17 Apr 2025 10:06

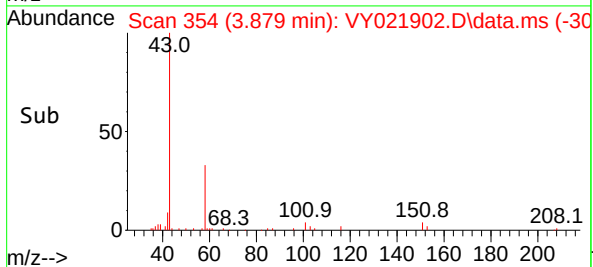
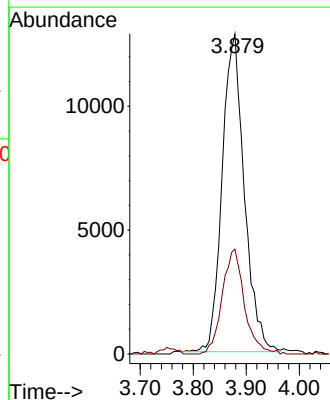
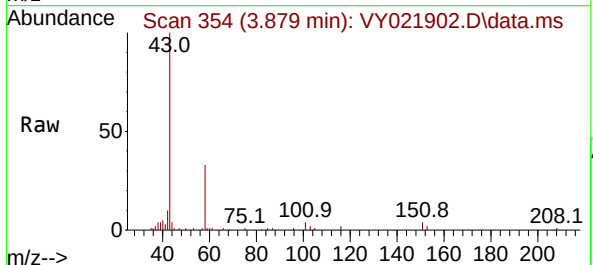
Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBS01

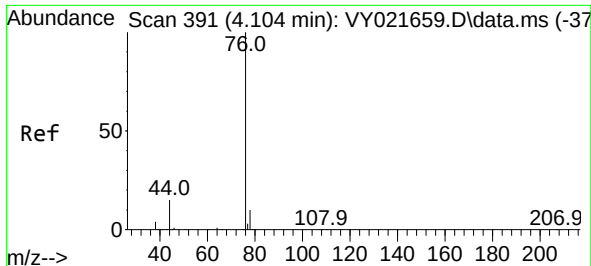
Tgt Ion:	53	Resp:	42406
Ion	Ratio	Lower	Upper
53	100		
52	84.9	64.9	97.3
51	38.6	30.2	45.2



#16
Acetone
Concen: 79.953 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY021902.D
Acq: 17 Apr 2025 10:06

Tgt Ion:	43	Resp:	37231
Ion	Ratio	Lower	Upper
43	100		
58	33.0	24.2	36.4

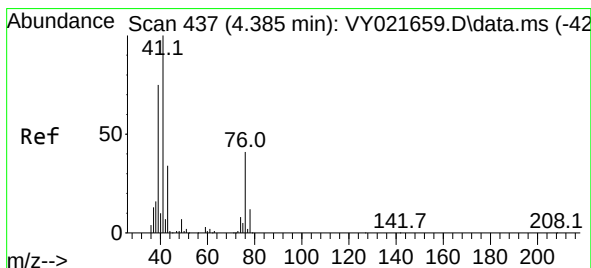
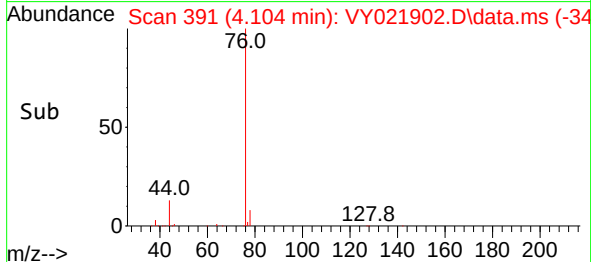
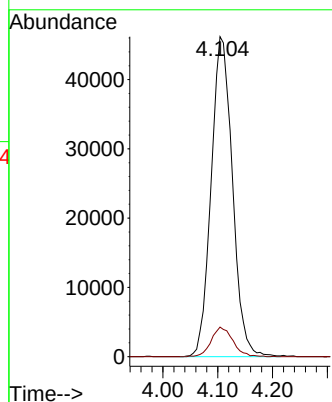
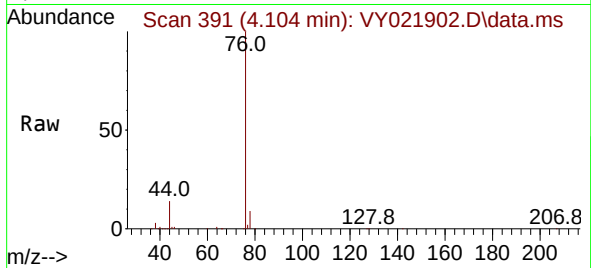




#17
Carbon Disulfide
Concen: 17.188 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021902.D
Acq: 17 Apr 2025 10:06

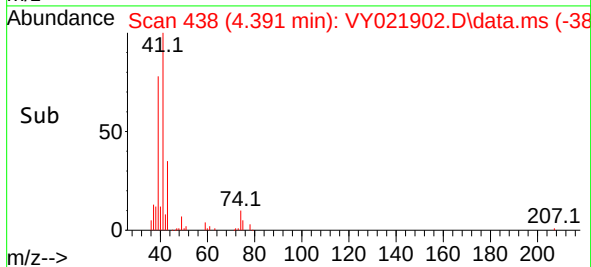
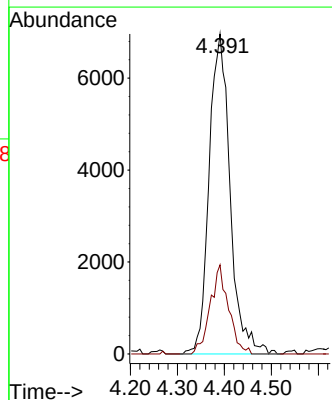
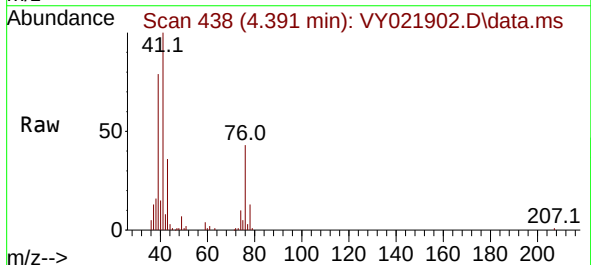
Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBS01

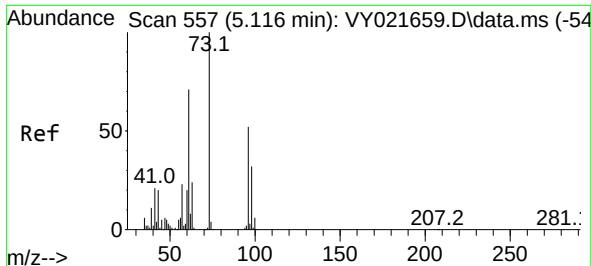
Tgt Ion: 76 Resp: 124701
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4



#18
Methyl Acetate
Concen: 18.682 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY021902.D
Acq: 17 Apr 2025 10:06

Tgt Ion: 43 Resp: 21561
Ion Ratio Lower Upper
43 100
74 24.3 19.1 28.7

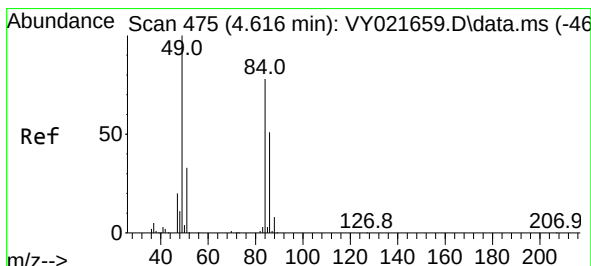
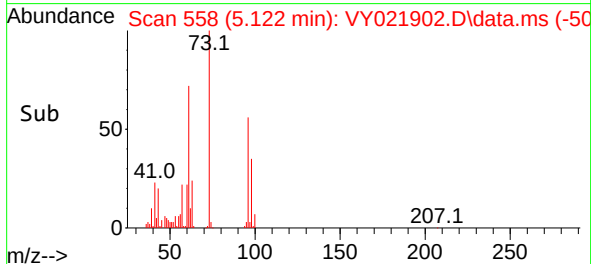
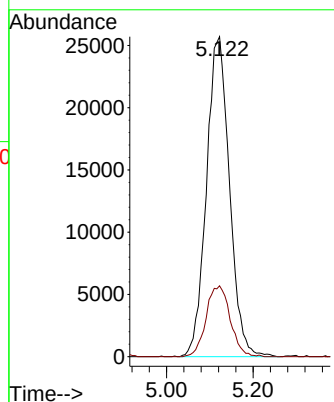
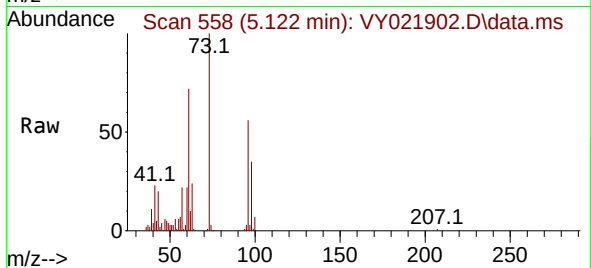




#19
Methyl tert-butyl Ether
Concen: 17.323 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021902.D
Acq: 17 Apr 2025 10:06

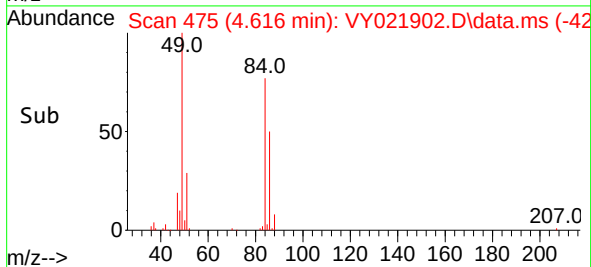
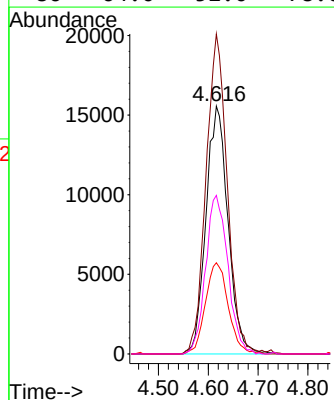
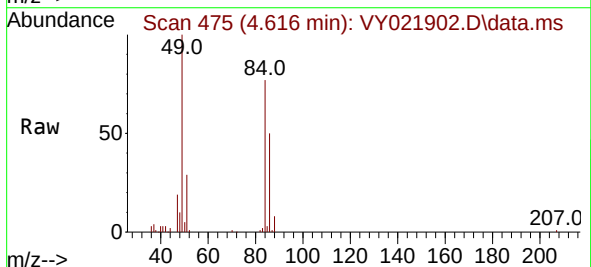
Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBS01

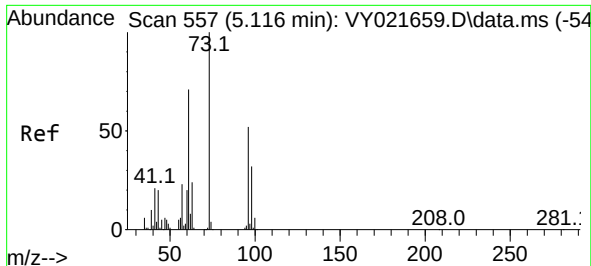
Tgt Ion: 73 Resp: 94997
Ion Ratio Lower Upper
73 100
57 22.2 18.1 27.1



#20
Methylene Chloride
Concen: 18.580 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY021902.D
Acq: 17 Apr 2025 10:06

Tgt Ion: 84 Resp: 47874
Ion Ratio Lower Upper
84 100
49 129.1 102.8 154.2
51 36.8 33.5 50.3
86 64.0 52.0 78.0

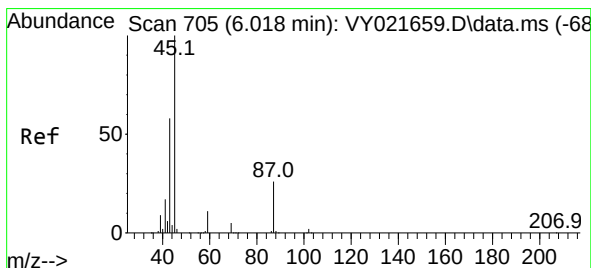
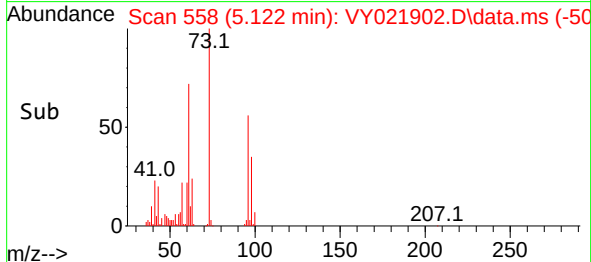
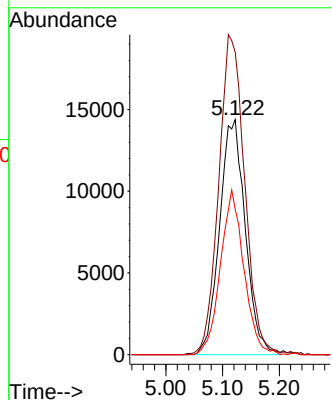
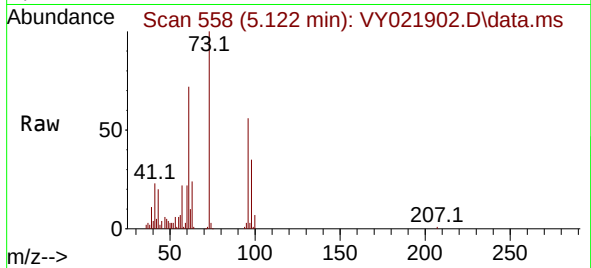




#21
trans-1,2-Dichloroethene
Concen: 18.669 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021902.D
Acq: 17 Apr 2025 10:06

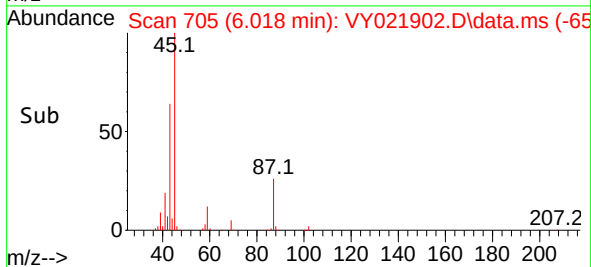
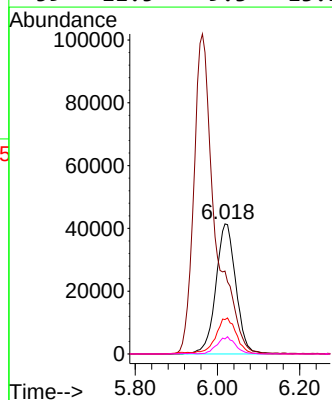
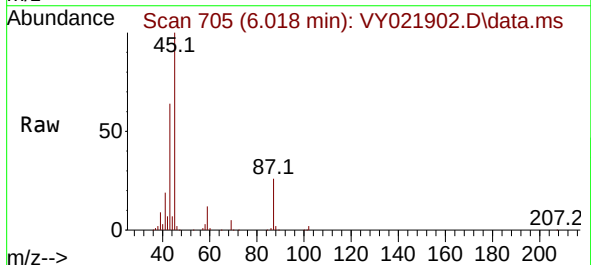
Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBS01

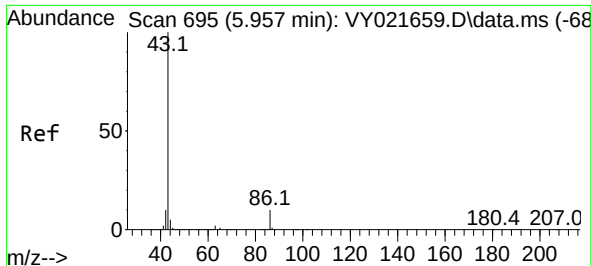
Tgt Ion: 96 Resp: 45277
Ion Ratio Lower Upper
96 100
61 128.6 109.4 164.0
98 61.8 50.2 75.2



#22
Diisopropyl ether
Concen: 18.992 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021902.D
Acq: 17 Apr 2025 10:06

Tgt Ion: 45 Resp: 139921
Ion Ratio Lower Upper
45 100
43 63.3 46.6 69.8
87 26.5 20.7 31.1
59 11.5 9.3 13.9

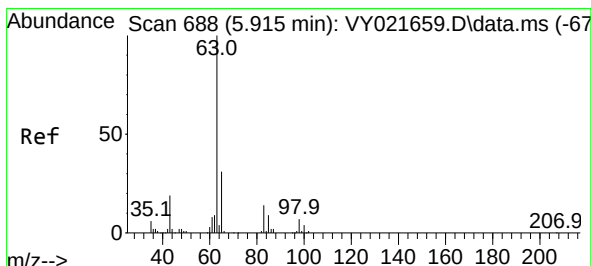
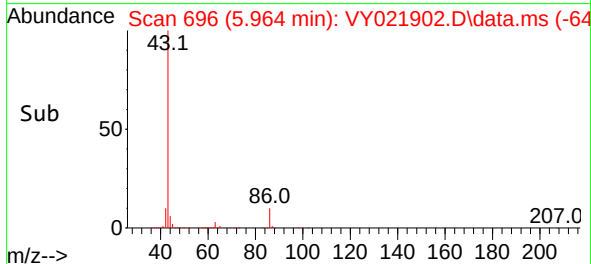
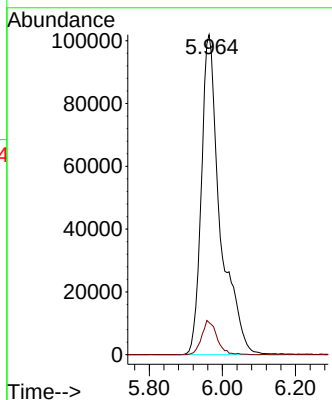
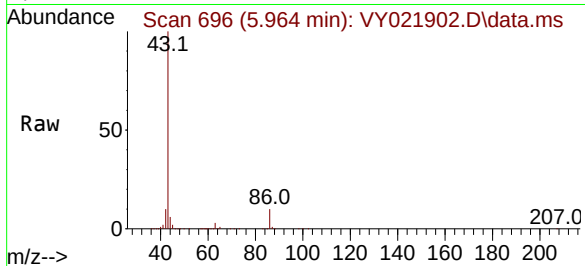




#23
 Vinyl Acetate
 Concen: 84.618 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY021902.D
 Acq: 17 Apr 2025 10:06

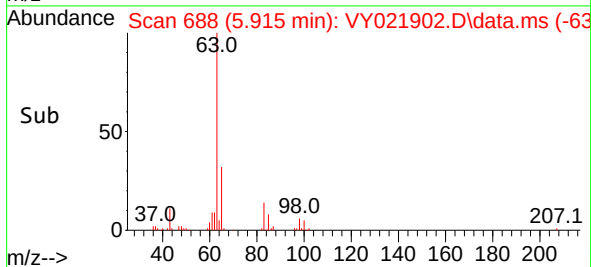
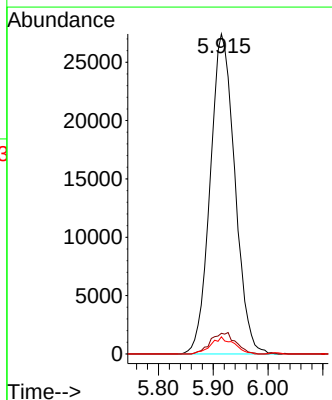
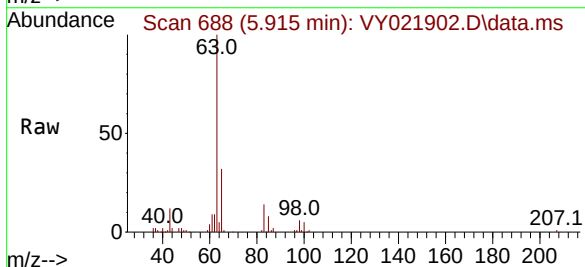
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0417SBS01

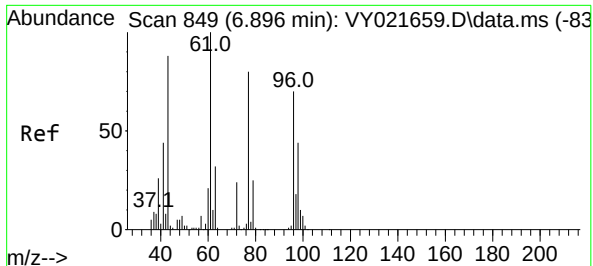
Tgt Ion: 43 Resp: 364693
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 19.462 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021902.D
 Acq: 17 Apr 2025 10:06

Tgt Ion: 63 Resp: 85736
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.5 10.5
 100 5.3 2.2 6.6





#25

2-Butanone

Concen: 80.737 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY021902.D

Acq: 17 Apr 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

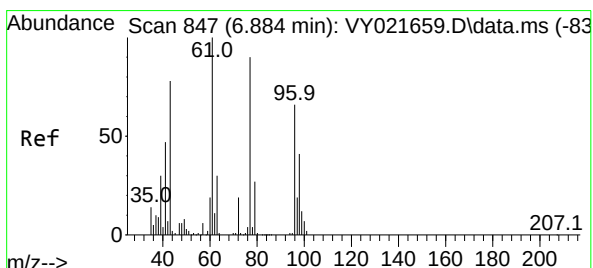
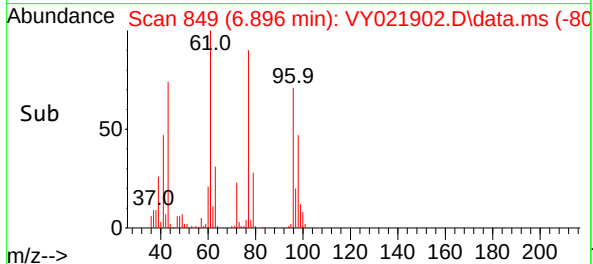
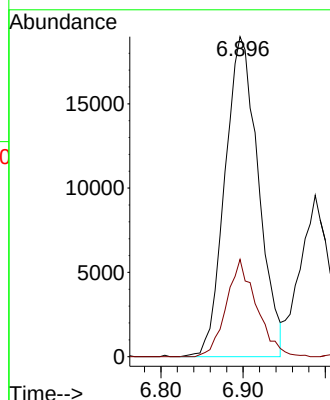
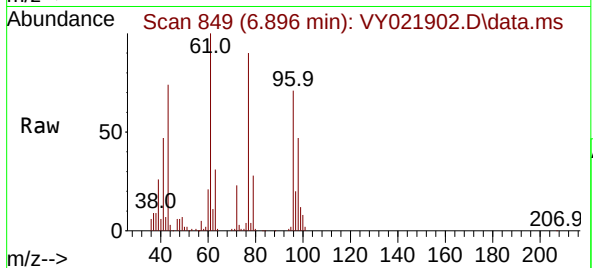
VY0417SBS01

Tgt Ion: 43 Resp: 53699

Ion Ratio Lower Upper

43 100

72 30.4 21.4 32.2



#26

2,2-Dichloropropane

Concen: 19.760 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY021902.D

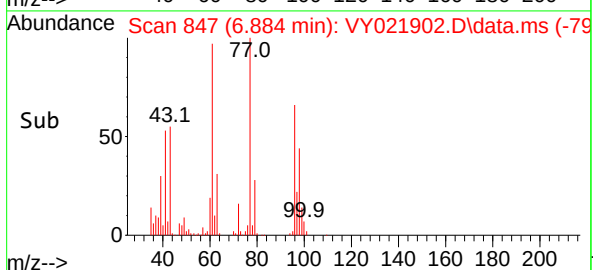
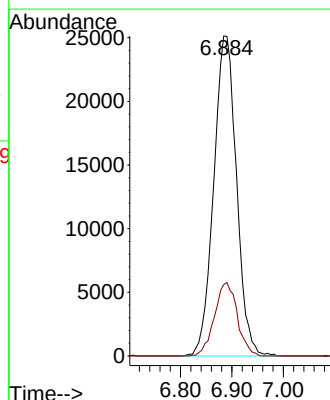
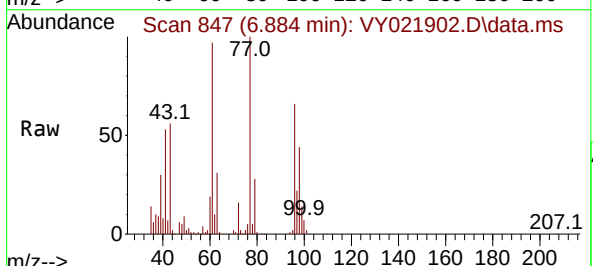
Acq: 17 Apr 2025 10:06

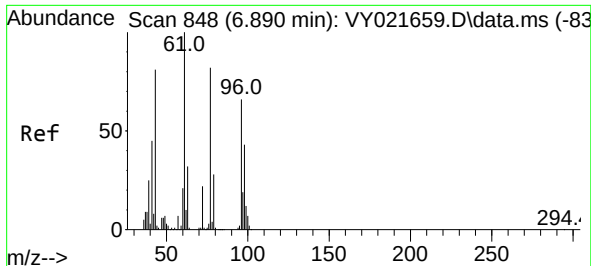
Tgt Ion: 77 Resp: 77433

Ion Ratio Lower Upper

77 100

97 23.0 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 18.864 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021902.D

Acq: 17 Apr 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0417SBS01

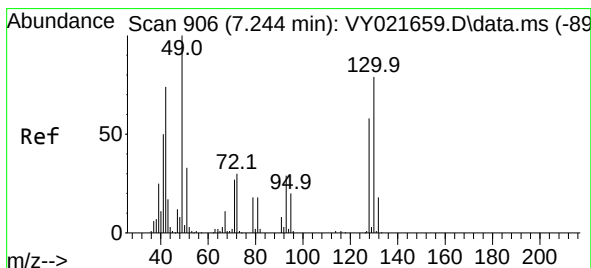
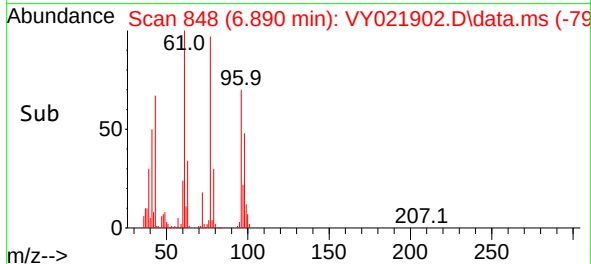
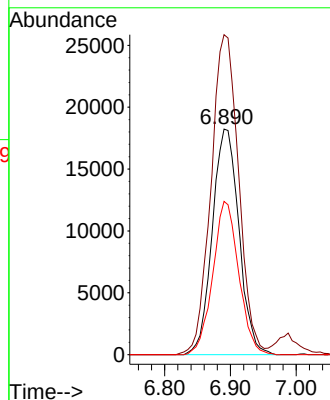
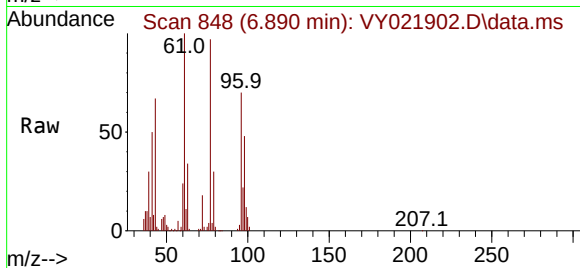
Tgt Ion: 96 Resp: 51449

Ion Ratio Lower Upper

96 100

61 147.0 0.0 296.4

98 66.0 0.0 128.0



#28

Bromochloromethane

Concen: 19.087 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021902.D

Acq: 17 Apr 2025 10:06

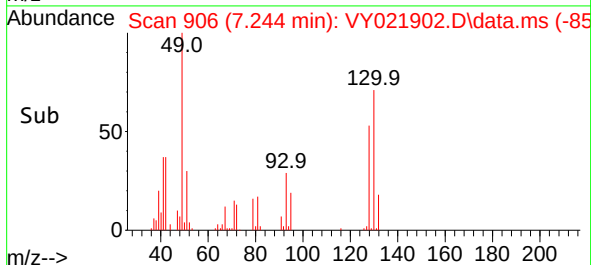
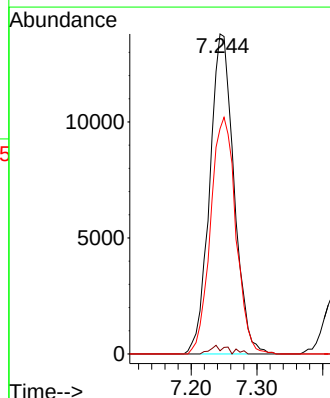
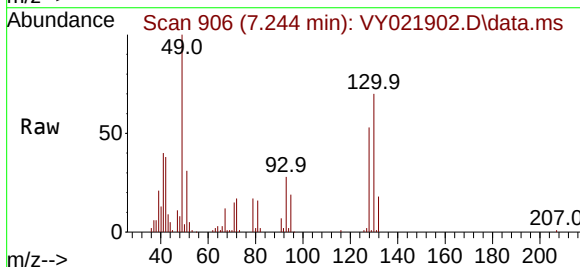
Tgt Ion: 49 Resp: 35462

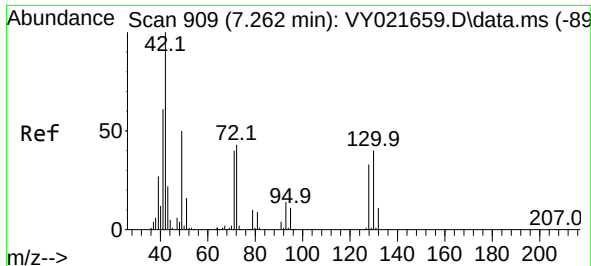
Ion Ratio Lower Upper

49 100

129 1.6 0.0 4.4

130 76.9 60.1 90.1

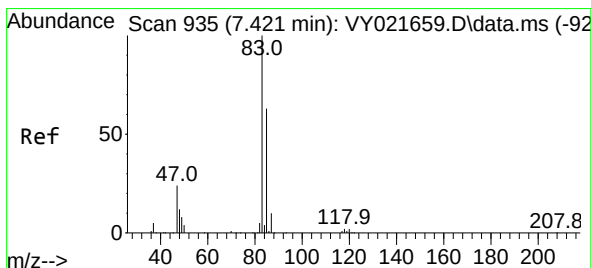
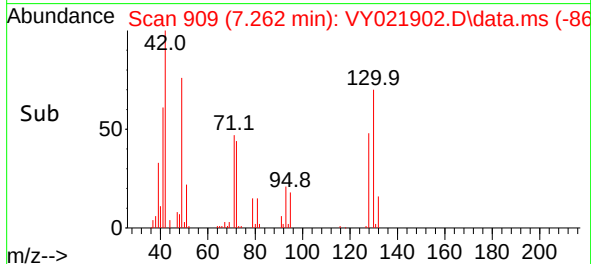
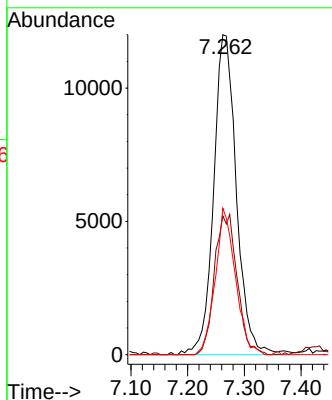
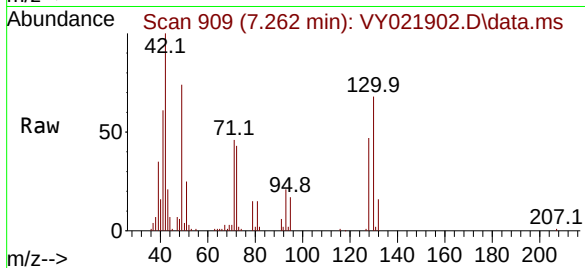




#29
Tetrahydrofuran
Concen: 77.952 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY021902.D
Acq: 17 Apr 2025 10:06

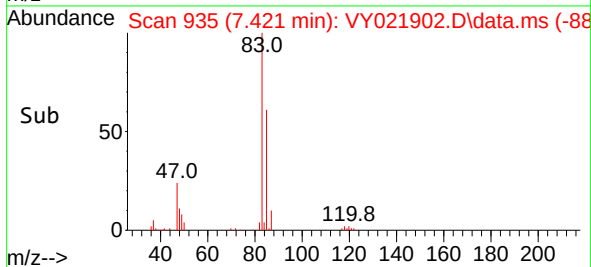
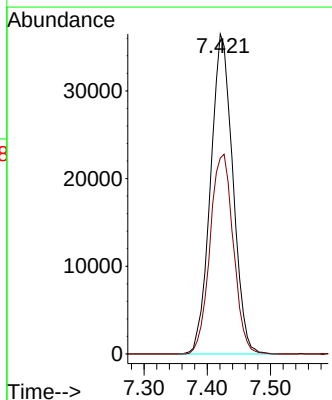
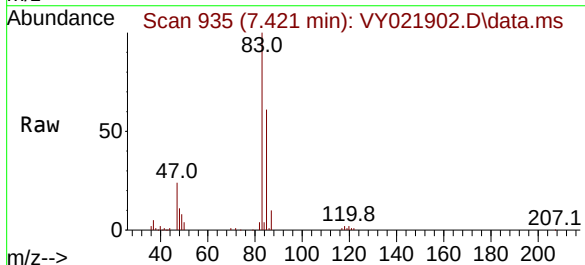
Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBS01

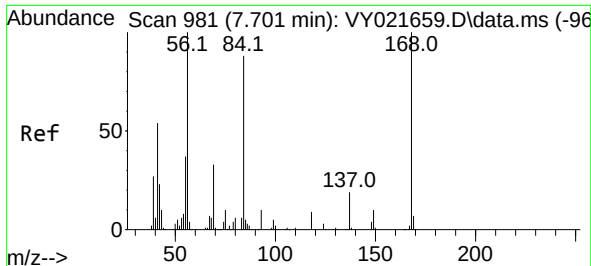
Tgt Ion: 42 Resp: 33368
Ion Ratio Lower Upper
42 100
72 43.7 34.6 52.0
71 40.8 32.5 48.7



#30
Chloroform
Concen: 19.459 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY021902.D
Acq: 17 Apr 2025 10:06

Tgt Ion: 83 Resp: 89160
Ion Ratio Lower Upper
83 100
85 61.2 50.6 75.8

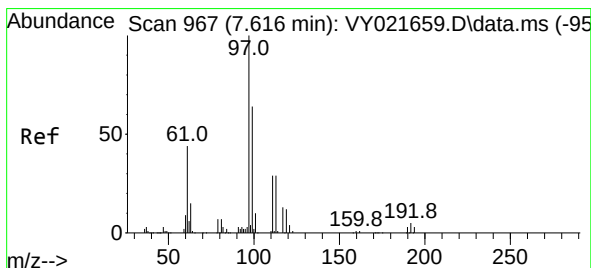
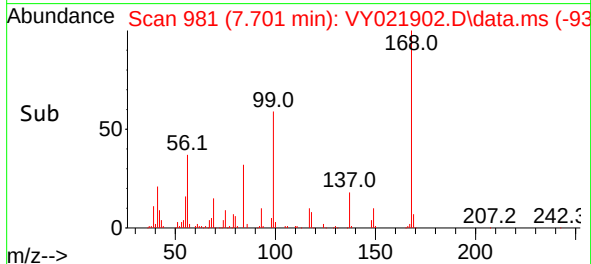
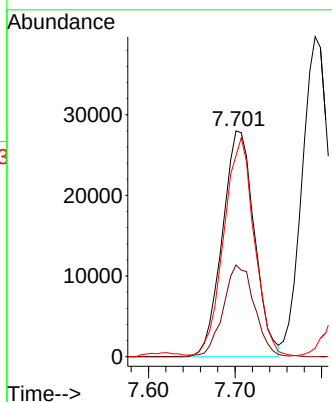
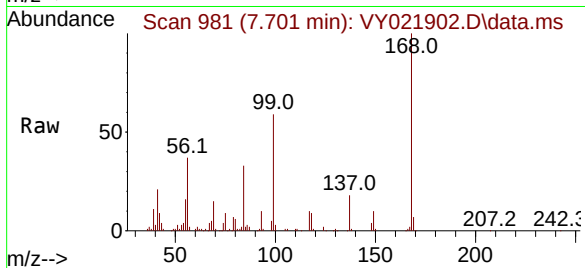




#31
Cyclohexane
Concen: 17.883 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021902.D
Acq: 17 Apr 2025 10:06

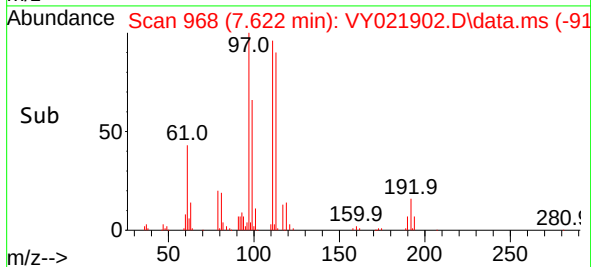
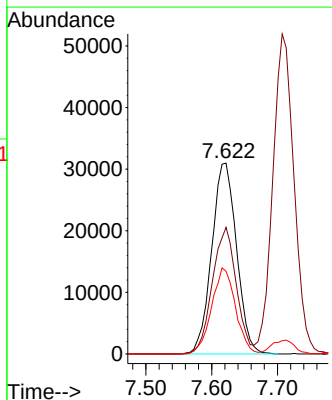
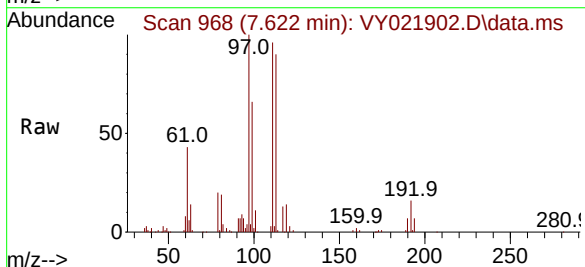
Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBS01

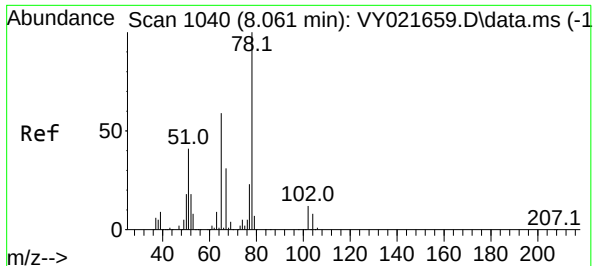
Tgt Ion: 56 Resp: 71812
Ion Ratio Lower Upper
56 100
69 40.6 26.6 40.0#
84 87.7 69.0 103.4



#32
1,1,1-Trichloroethane
Concen: 19.674 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY021902.D
Acq: 17 Apr 2025 10:06

Tgt Ion: 97 Resp: 81476
Ion Ratio Lower Upper
97 100
99 64.2 50.7 76.1
61 43.3 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 45.344 ug/l

RT: 8.067 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY021902.D

Acq: 17 Apr 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

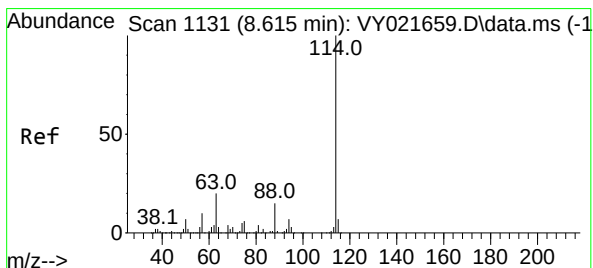
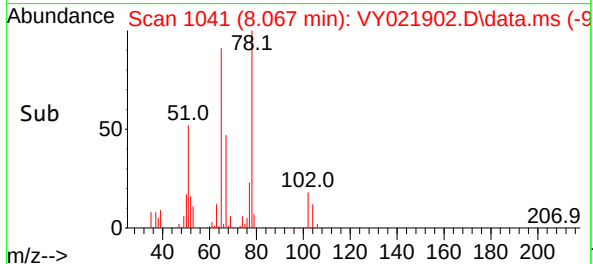
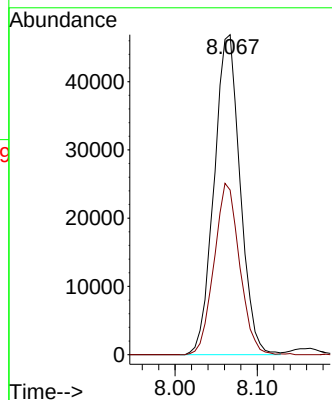
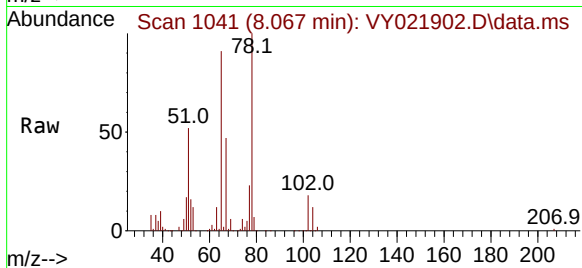
VY0417SBS01

Tgt Ion: 65 Resp: 103171

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021902.D

Acq: 17 Apr 2025 10:06

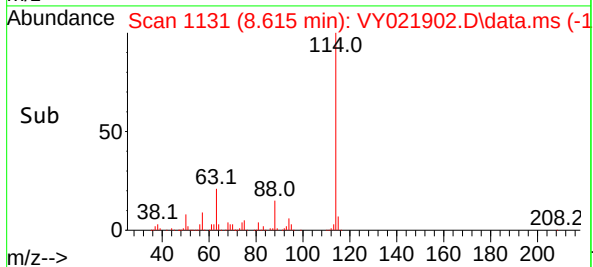
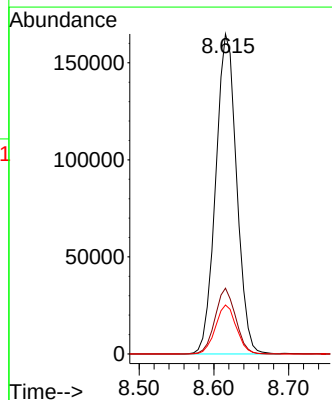
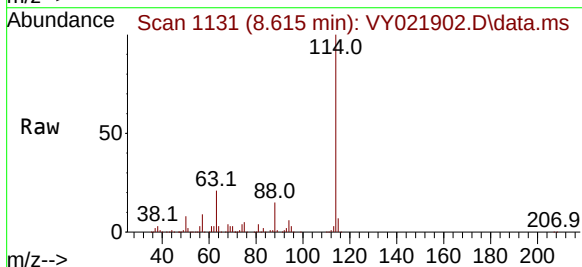
Tgt Ion: 114 Resp: 321589

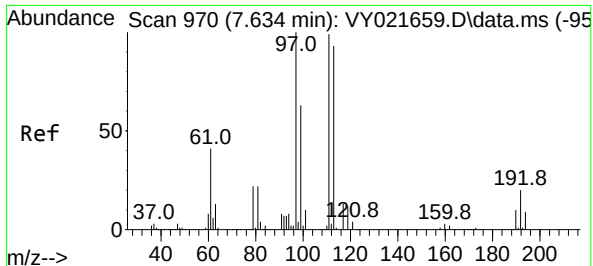
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.2

88 15.3 0.0 29.8

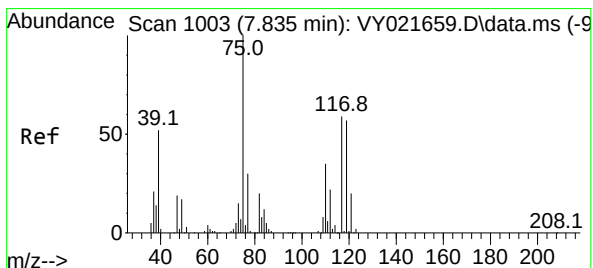
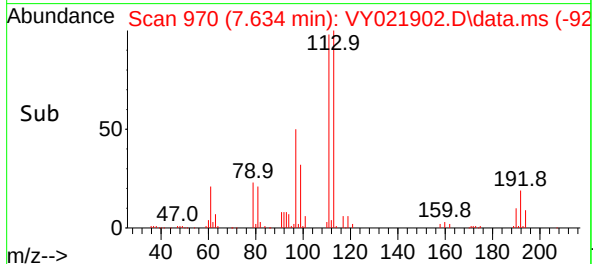
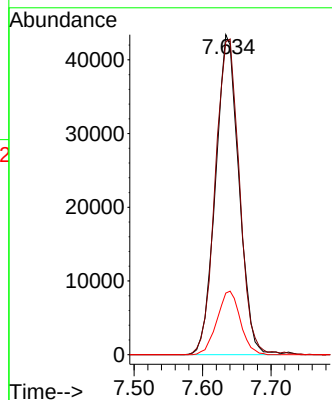
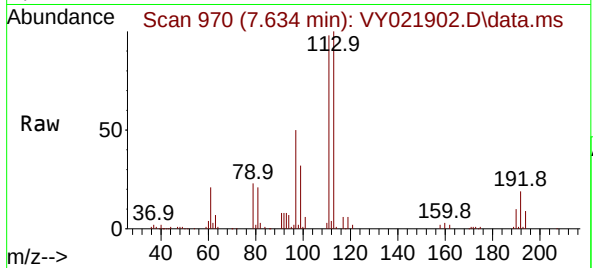




#35
Dibromofluoromethane
Concen: 49.153 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021902.D
Acq: 17 Apr 2025 10:06

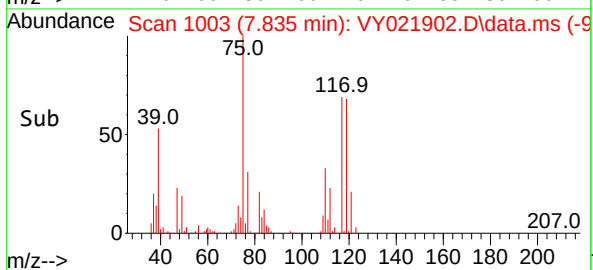
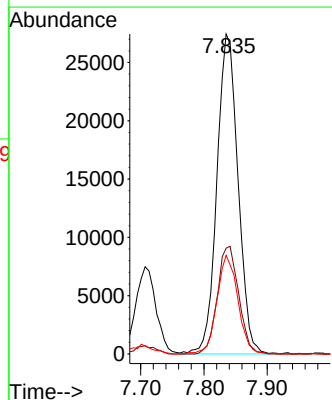
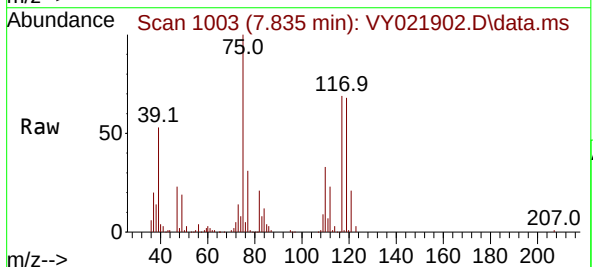
Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBS01

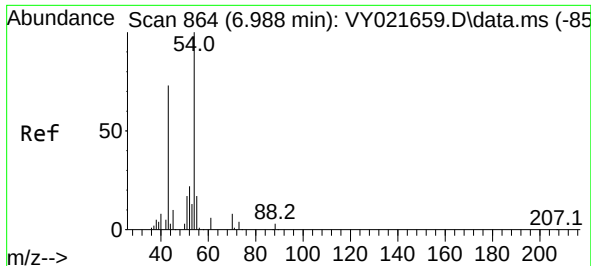
Tgt Ion:113 Resp: 102538
Ion Ratio Lower Upper
113 100
111 102.0 82.6 123.8
192 19.8 16.2 24.4



#36
1,1-Dichloropropene
Concen: 19.994 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021902.D
Acq: 17 Apr 2025 10:06

Tgt Ion: 75 Resp: 63530
Ion Ratio Lower Upper
75 100
110 34.0 17.0 50.9
77 30.5 24.8 37.2

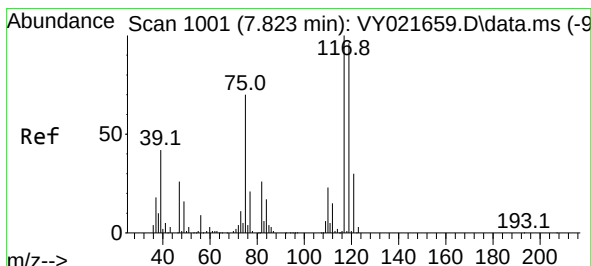
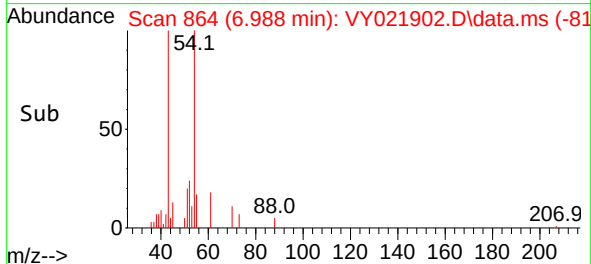
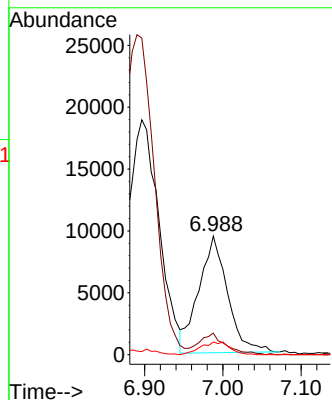
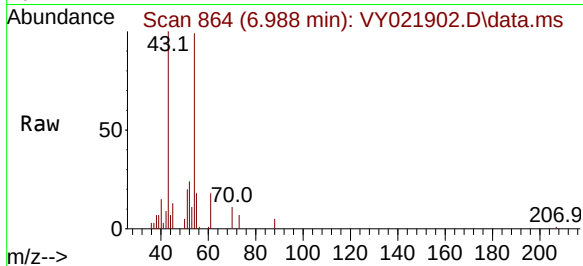




#37
Ethyl Acetate
Concen: 16.089 ug/l
RT: 6.988 min Scan# 864
Delta R.T. 0.000 min
Lab File: VY021902.D
Acq: 17 Apr 2025 10:06

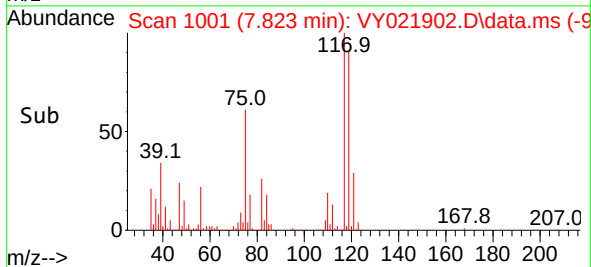
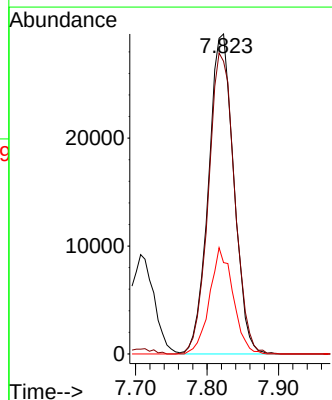
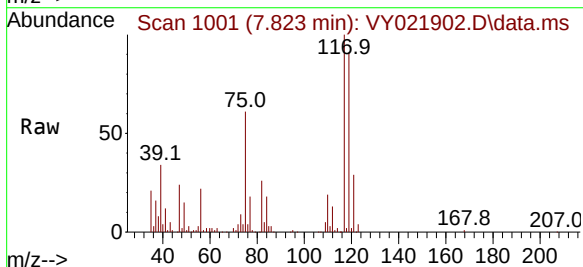
Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBS01

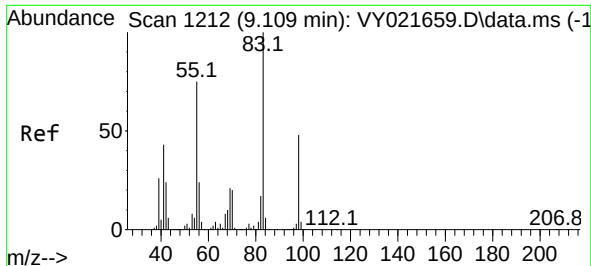
Tgt Ion: 43 Resp: 24127
Ion Ratio Lower Upper
43 100
61 17.3 11.0 16.6#
70 11.0 8.1 12.1



#38
Carbon Tetrachloride
Concen: 20.034 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY021902.D
Acq: 17 Apr 2025 10:06

Tgt Ion: 117 Resp: 72910
Ion Ratio Lower Upper
117 100
119 91.5 76.2 114.4
121 28.5 24.2 36.4





#39

Methylcyclohexane

Concen: 18.563 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021902.D

Acq: 17 Apr 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0417SBS01

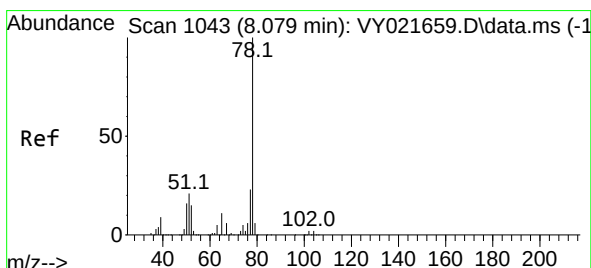
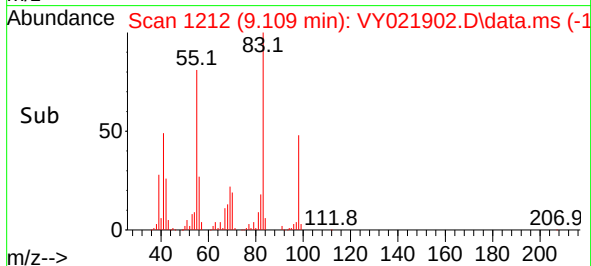
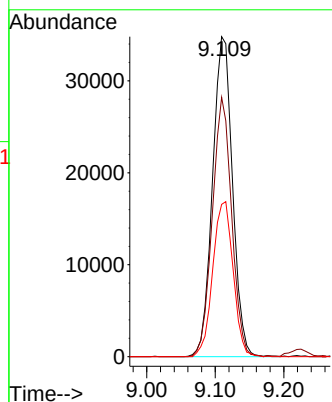
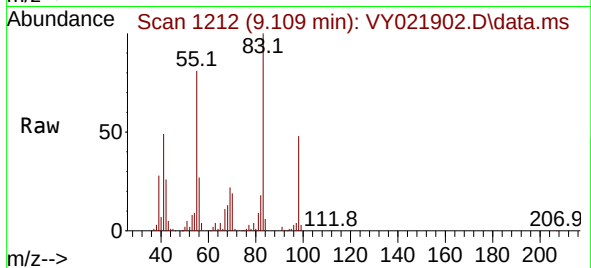
Tgt Ion: 83 Resp: 70461

Ion Ratio Lower Upper

83 100

55 81.1 59.7 89.5

98 47.6 38.3 57.5



#40

Benzene

Concen: 19.906 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY021902.D

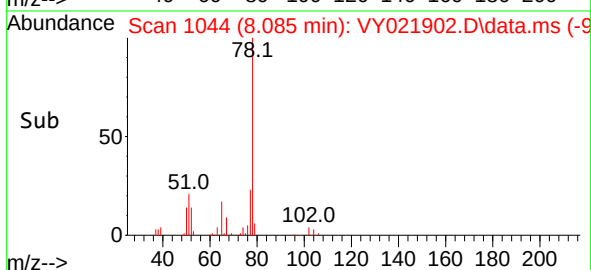
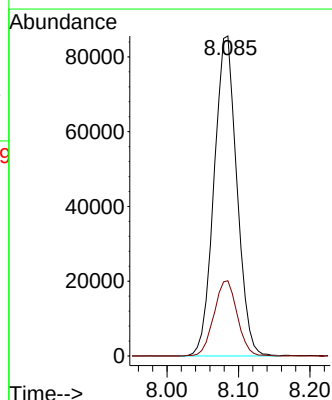
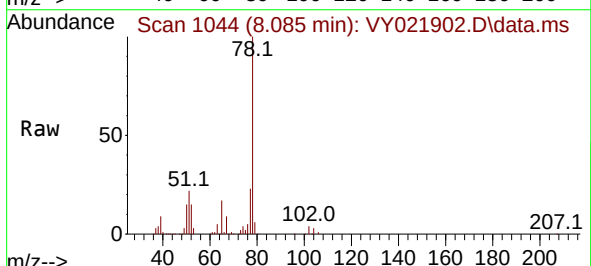
Acq: 17 Apr 2025 10:06

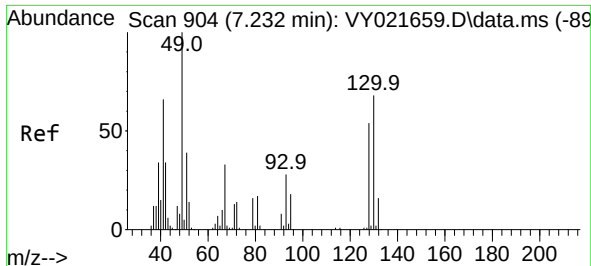
Tgt Ion: 78 Resp: 189416

Ion Ratio Lower Upper

78 100

77 23.5 18.8 28.2

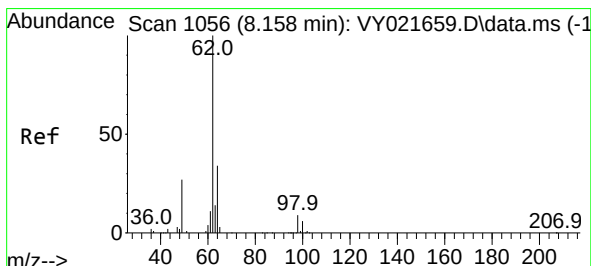
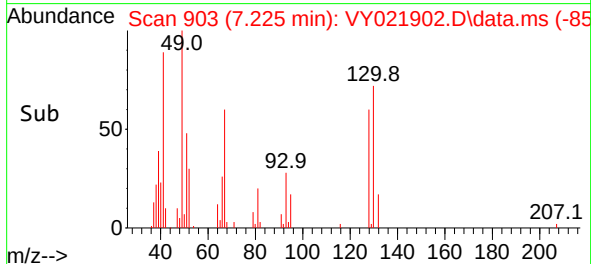
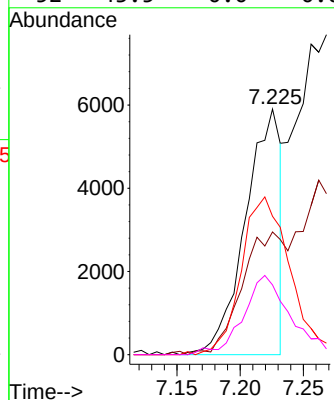
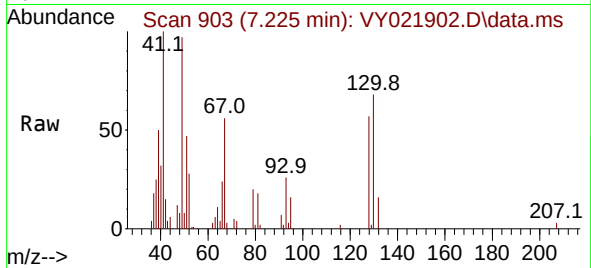




#41
Methacrylonitrile
Concen: 14.482 ug/l
RT: 7.225 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY021902.D
Acq: 17 Apr 2025 10:06

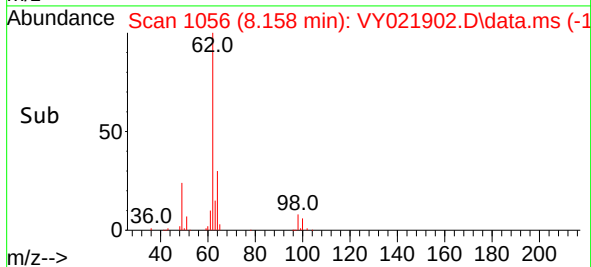
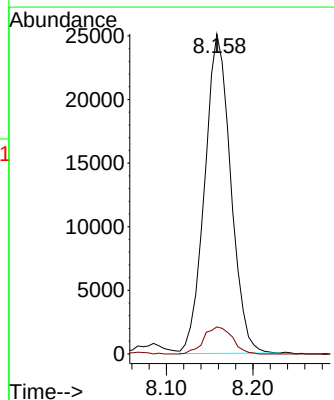
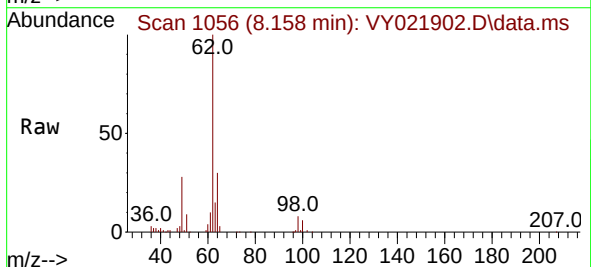
Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBS01

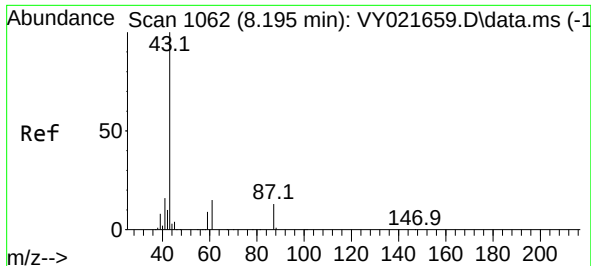
Tgt Ion: 41 Resp: 11533
Ion Ratio Lower Upper
41 100
39 63.2 0.0 0.0#
67 88.7 0.0 0.0#
52 43.5 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 19.548 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021902.D
Acq: 17 Apr 2025 10:06

Tgt Ion: 62 Resp: 52440
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.4

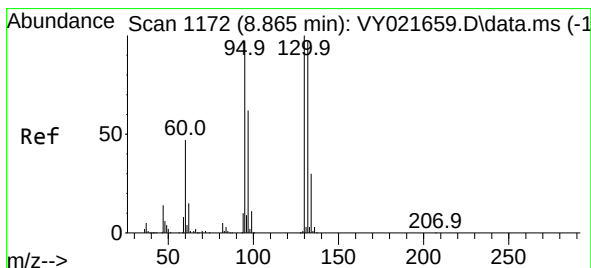
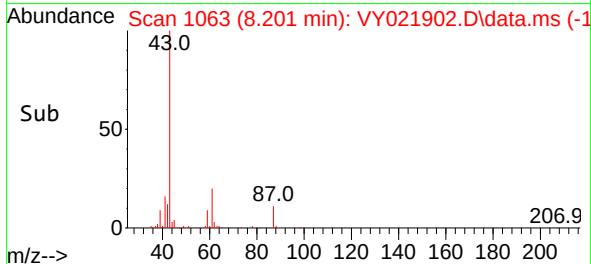
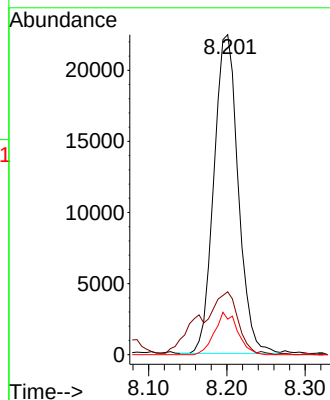
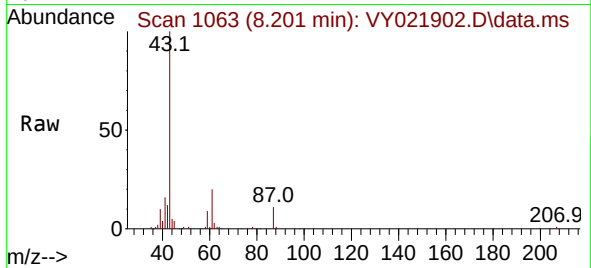




#43
Isopropyl Acetate
Concen: 17.023 ug/l
RT: 8.201 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VY021902.D
Acq: 17 Apr 2025 10:06

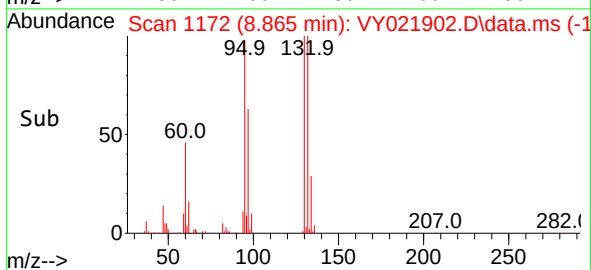
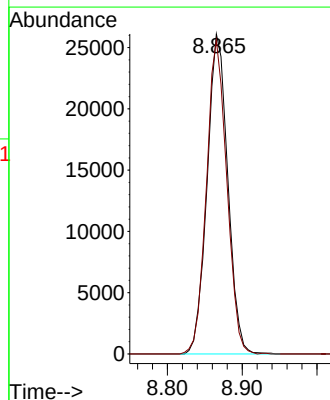
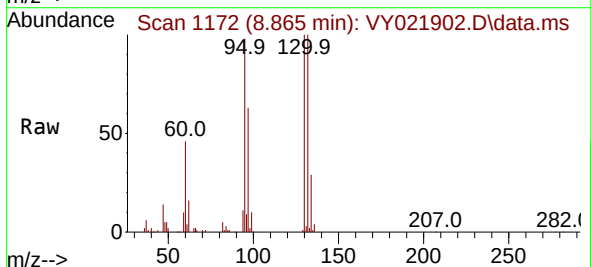
Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBS01

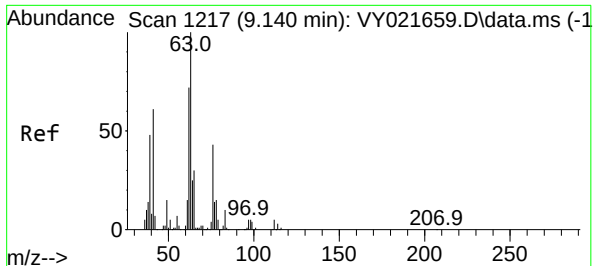
Tgt Ion: 43 Resp: 48375
Ion Ratio Lower Upper
43 100
61 21.2 15.9 23.9
87 12.7 10.4 15.6



#44
Trichloroethene
Concen: 20.715 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021902.D
Acq: 17 Apr 2025 10:06

Tgt Ion:130 Resp: 50225
Ion Ratio Lower Upper
130 100
95 98.1 0.0 194.8





#45

1,2-Dichloropropane

Concen: 20.299 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021902.D

Acq: 17 Apr 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

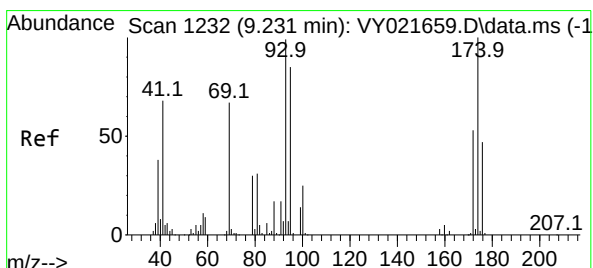
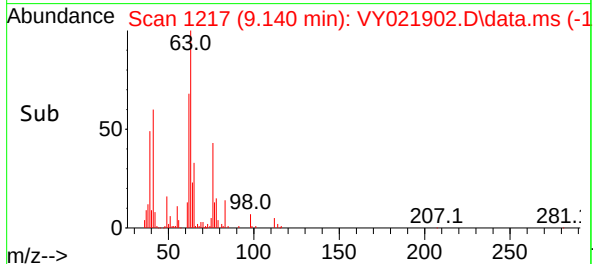
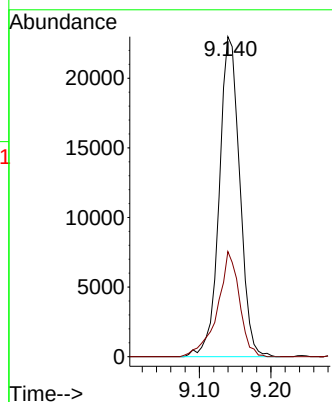
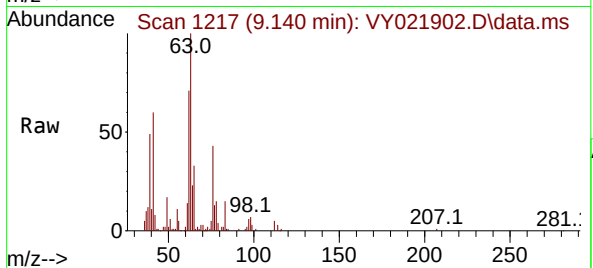
VY0417SBS01

Tgt Ion: 63 Resp: 45722

Ion Ratio Lower Upper

63 100

65 32.8 24.4 36.6



#46

Dibromomethane

Concen: 19.098 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021902.D

Acq: 17 Apr 2025 10:06

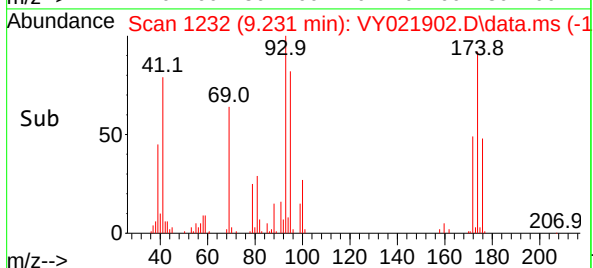
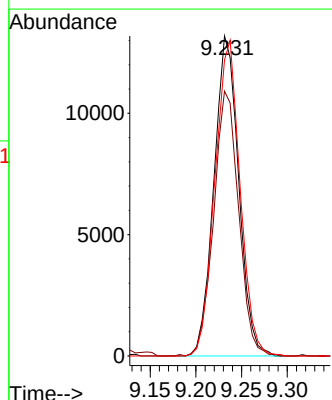
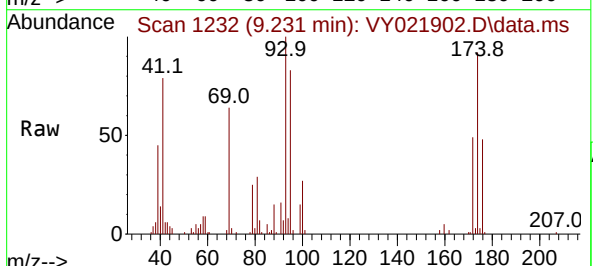
Tgt Ion: 93 Resp: 24792

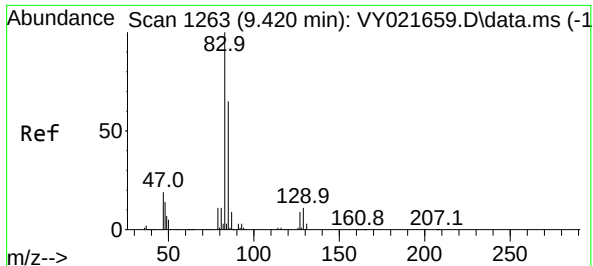
Ion Ratio Lower Upper

93 100

95 83.7 68.1 102.1

174 100.2 80.9 121.3





#47

Bromodichloromethane

Concen: 19.729 ug/l

RT: 9.426 min Scan# 1263

Delta R.T. 0.006 min

Lab File: VY021902.D

Acq: 17 Apr 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0417SBS01

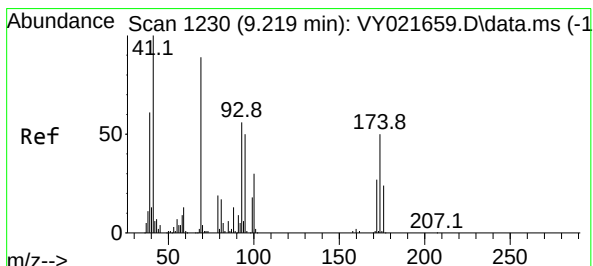
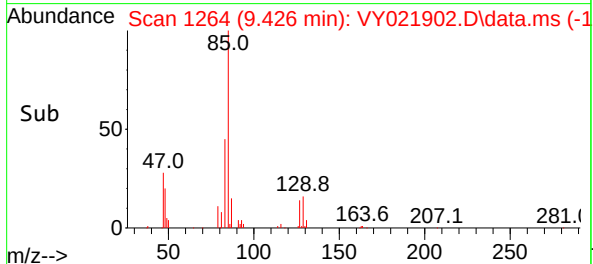
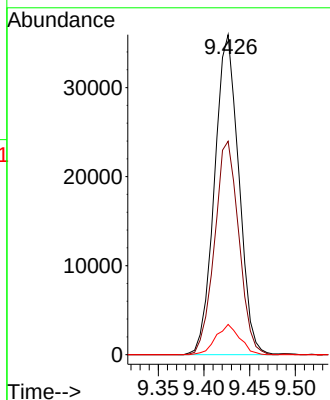
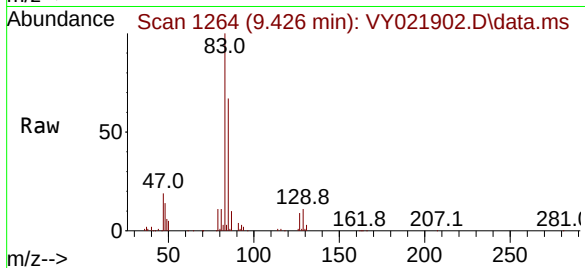
Tgt Ion: 83 Resp: 66363

Ion Ratio Lower Upper

83 100

85 66.7 51.8 77.6

127 9.5 6.8 10.2



#48

Methyl methacrylate

Concen: 17.382 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. 0.000 min

Lab File: VY021902.D

Acq: 17 Apr 2025 10:06

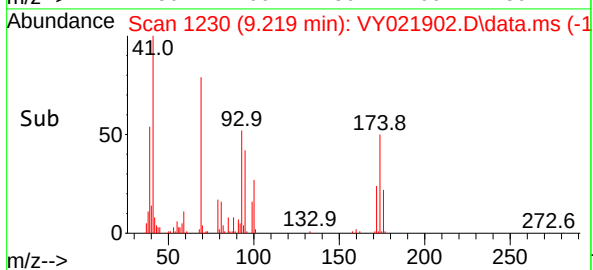
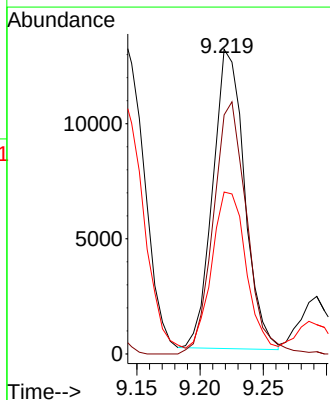
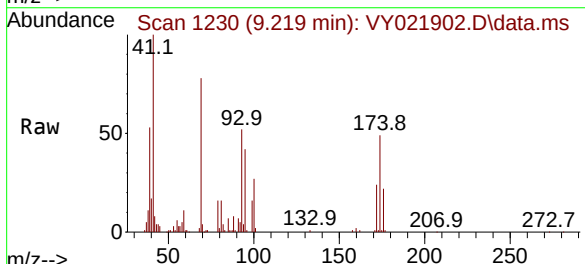
Tgt Ion: 41 Resp: 22671

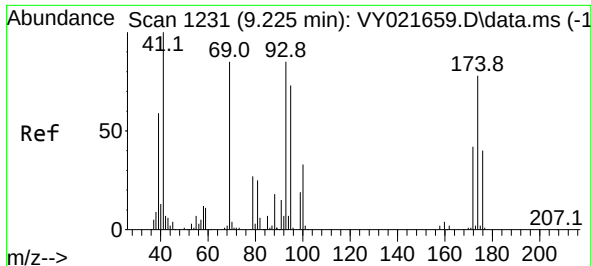
Ion Ratio Lower Upper

41 100

69 88.7 69.8 104.8

39 56.4 47.2 70.8

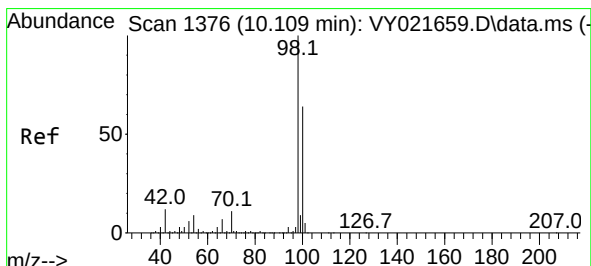
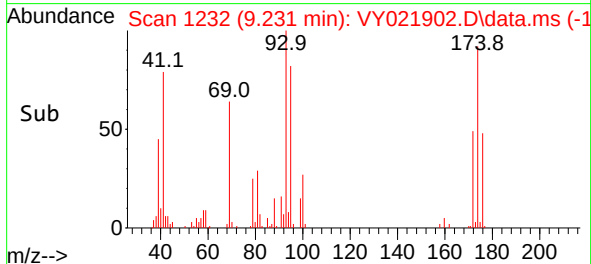
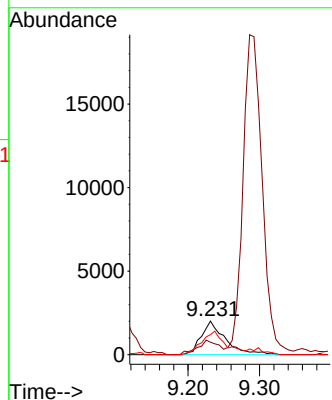
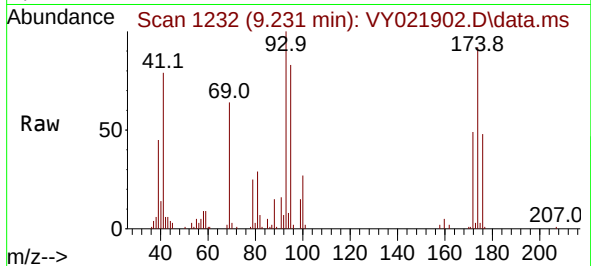




#49
1,4-Dioxane
Concen: 338.194 ug/l
RT: 9.231 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY021902.D
Acq: 17 Apr 2025 10:06

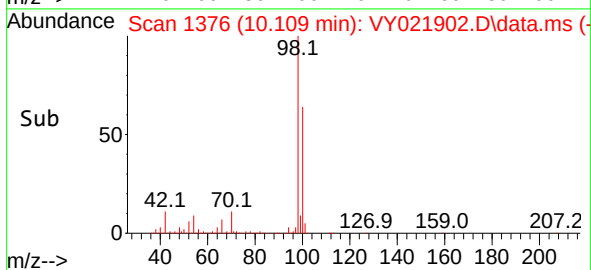
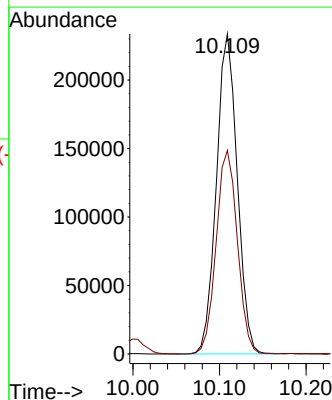
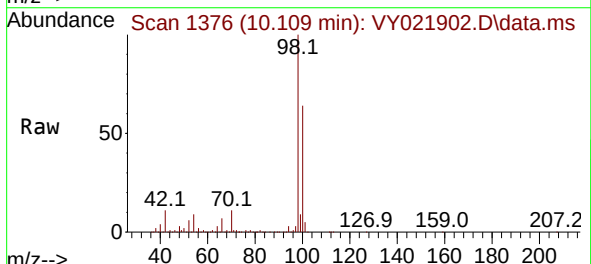
Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBS01

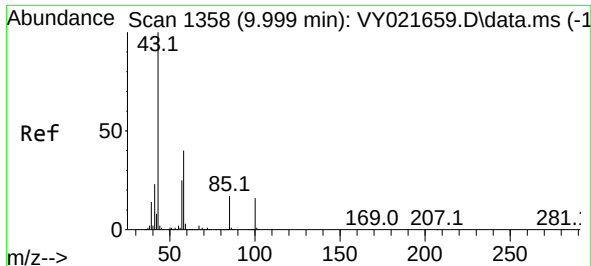
Tgt Ion: 88 Resp: 4703
Ion Ratio Lower Upper
88 100
43 37.2 28.8 43.2
58 70.1 59.4 89.2



#50
Toluene-d8
Concen: 49.287 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021902.D
Acq: 17 Apr 2025 10:06

Tgt Ion: 98 Resp: 391144
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 84.171 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY021902.D

Acq: 17 Apr 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

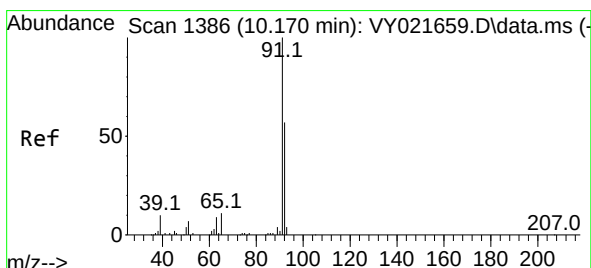
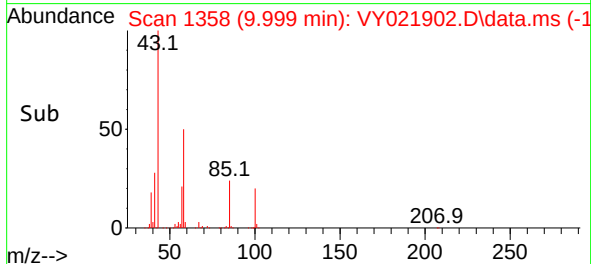
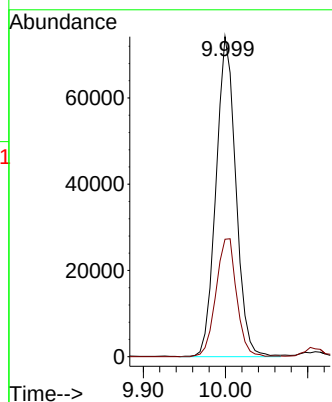
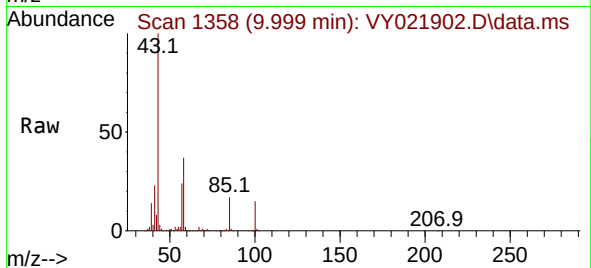
VY0417SBS01

Tgt Ion: 43 Resp: 124478

Ion Ratio Lower Upper

43 100

58 38.6 31.5 47.3



#52

Toluene

Concen: 20.042 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY021902.D

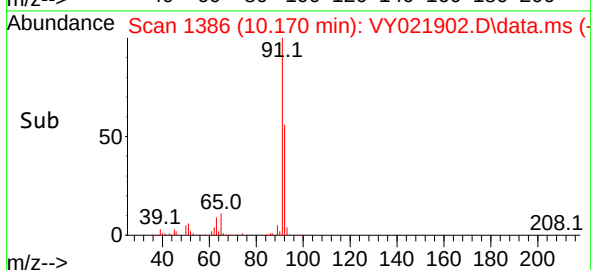
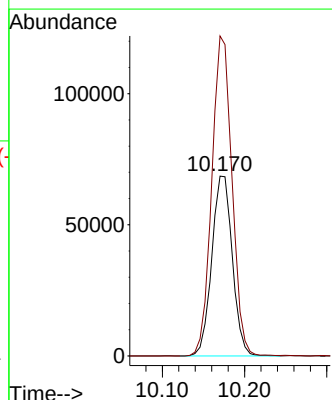
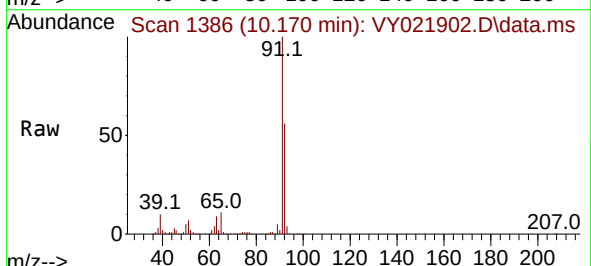
Acq: 17 Apr 2025 10:06

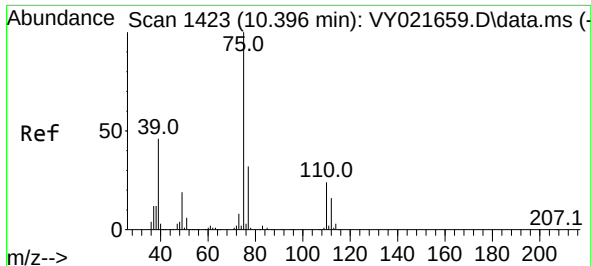
Tgt Ion: 92 Resp: 118985

Ion Ratio Lower Upper

92 100

91 175.1 138.6 207.8





#53

t-1,3-Dichloropropene

Concen: 18.560 ug/l

RT: 10.396 min Scan# 1423

Delta R.T. 0.000 min

Lab File: VY021902.D

Acq: 17 Apr 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

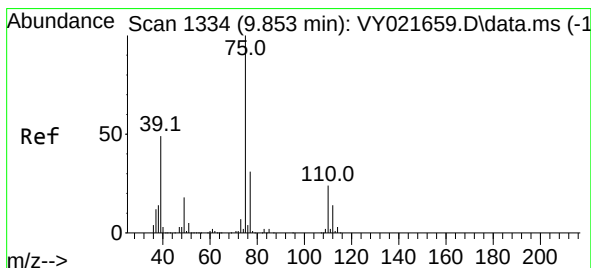
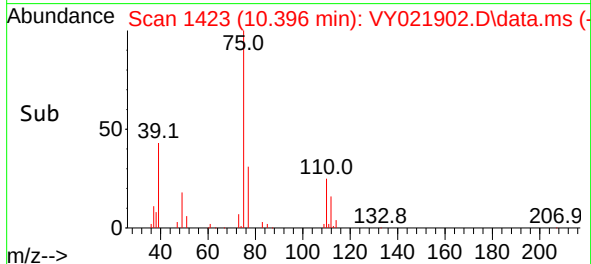
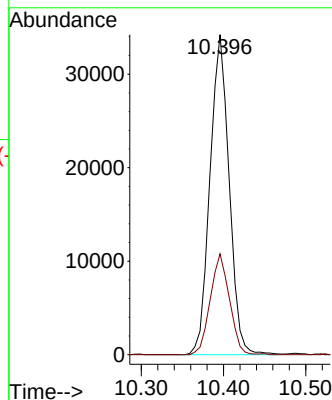
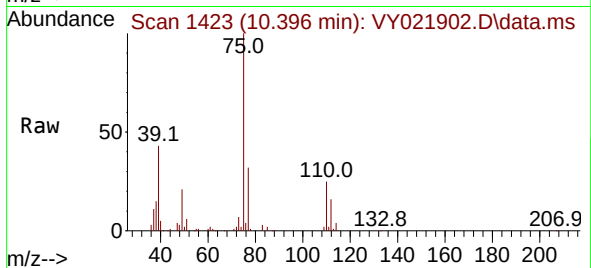
VY0417SBS01

Tgt Ion: 75 Resp: 55452

Ion Ratio Lower Upper

75 100

77 31.5 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 19.159 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. 0.006 min

Lab File: VY021902.D

Acq: 17 Apr 2025 10:06

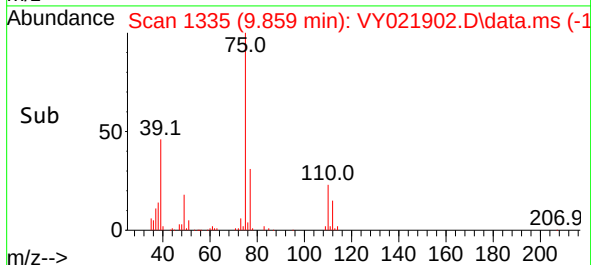
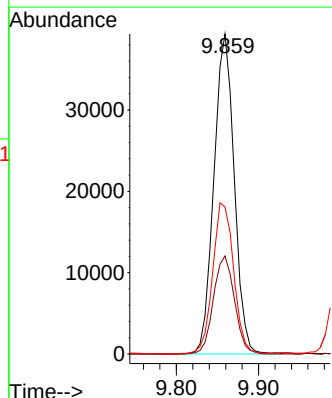
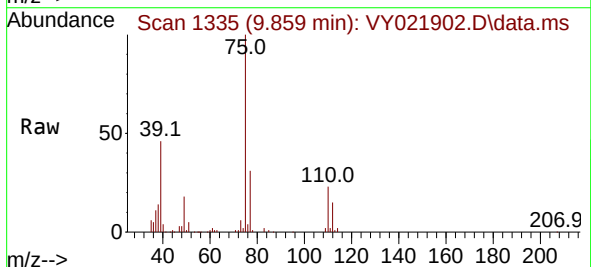
Tgt Ion: 75 Resp: 67528

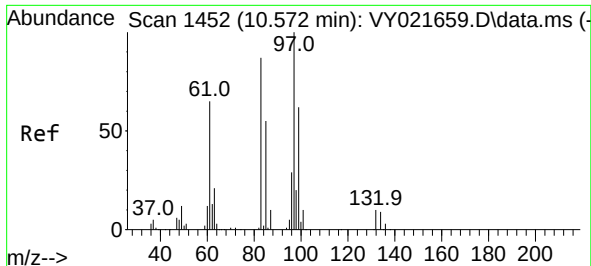
Ion Ratio Lower Upper

75 100

77 30.7 24.9 37.3

39 45.8 39.2 58.8

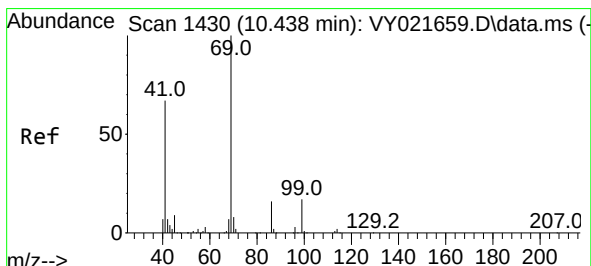
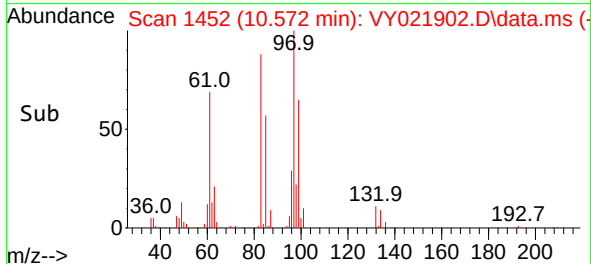
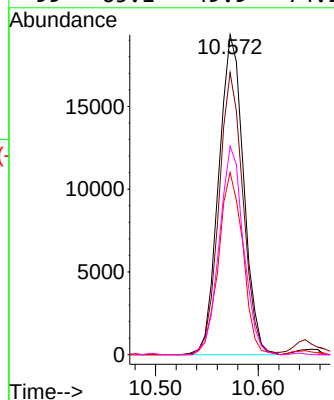
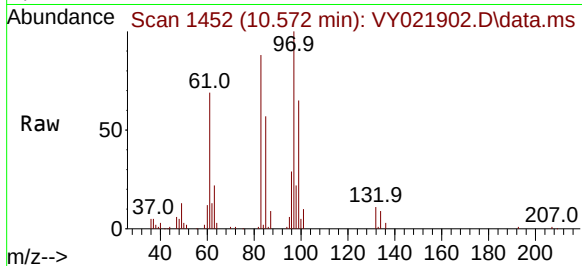




#55
1,1,2-Trichloroethane
Concen: 19.455 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021902.D
Acq: 17 Apr 2025 10:06

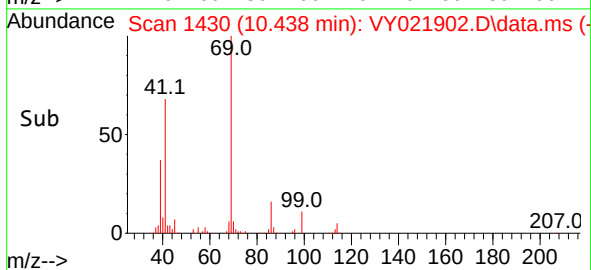
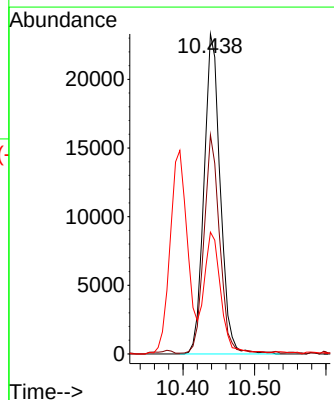
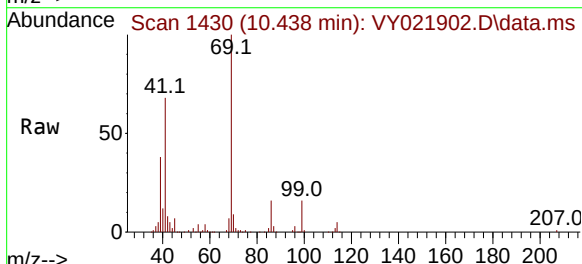
Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBS01

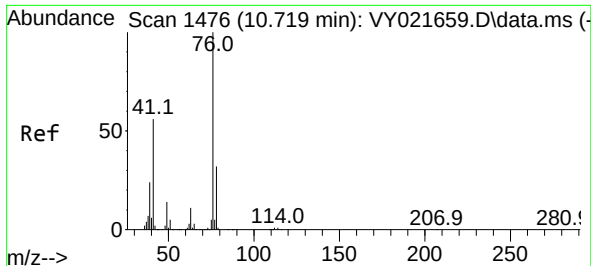
Tgt Ion:	97	Resp:	32500
Ion	Ratio	Lower	Upper
97	100		
83	88.2	69.5	104.3
85	56.9	43.9	65.9
99	65.1	49.9	74.9



#56
Ethyl methacrylate
Concen: 17.225 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021902.D
Acq: 17 Apr 2025 10:06

Tgt Ion:	69	Resp:	36742
Ion	Ratio	Lower	Upper
69	100		
41	65.5	53.8	80.6
39	37.8	29.6	44.4





#57

1,3-Dichloropropane

Concen: 19.168 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021902.D

Acq: 17 Apr 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

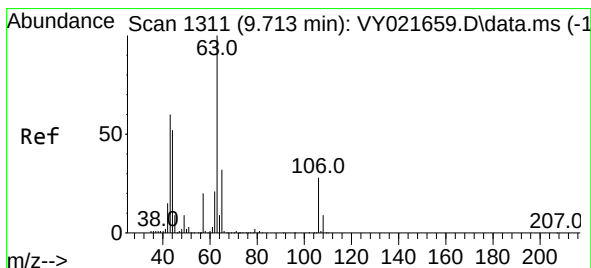
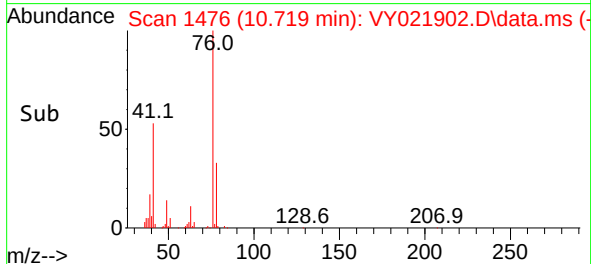
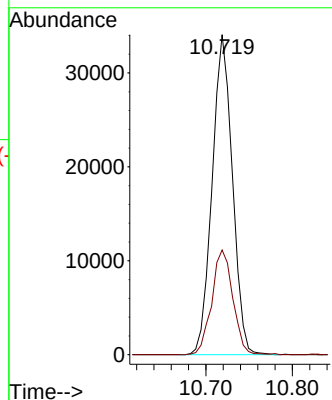
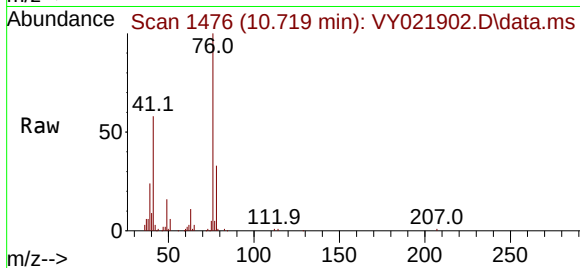
VY0417SBS01

Tgt Ion: 76 Resp: 55302

Ion Ratio Lower Upper

76 100

78 34.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 92.692 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021902.D

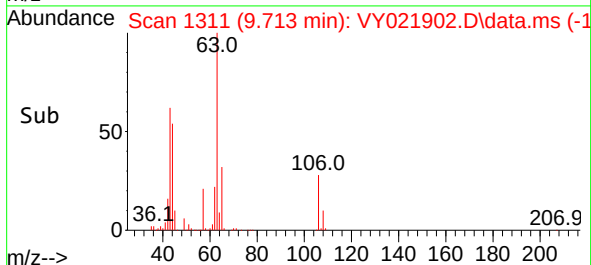
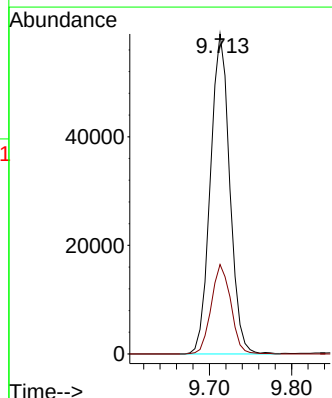
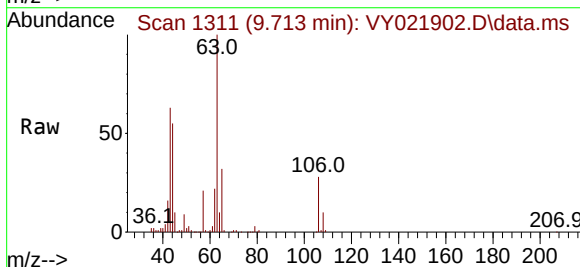
Acq: 17 Apr 2025 10:06

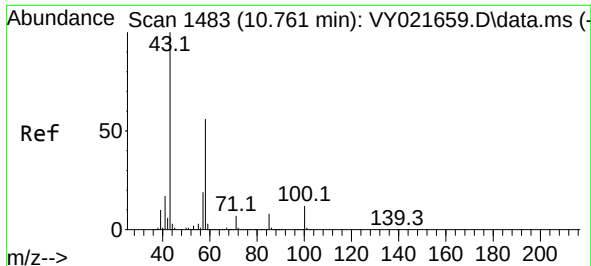
Tgt Ion: 63 Resp: 96454

Ion Ratio Lower Upper

63 100

106 28.2 22.4 33.6

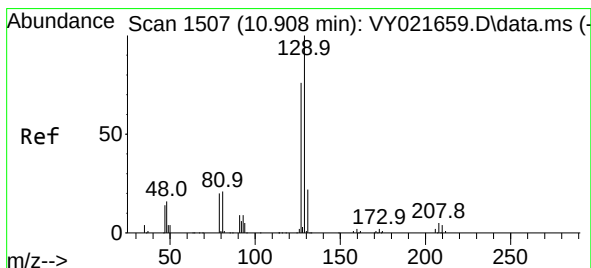
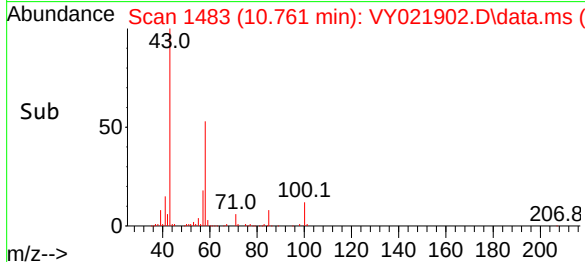
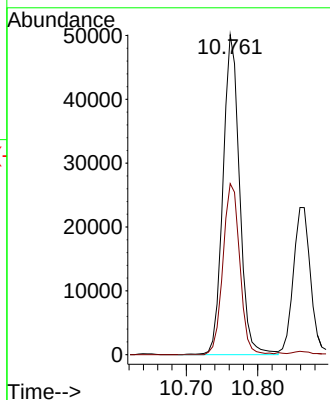
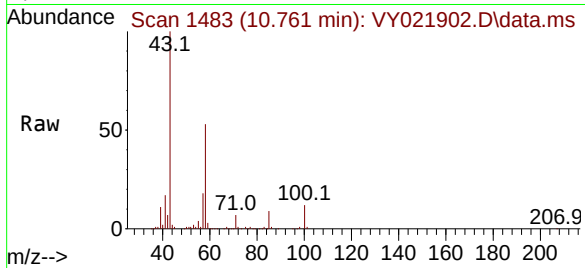




#59
2-Hexanone
Concen: 81.904 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021902.D
Acq: 17 Apr 2025 10:06

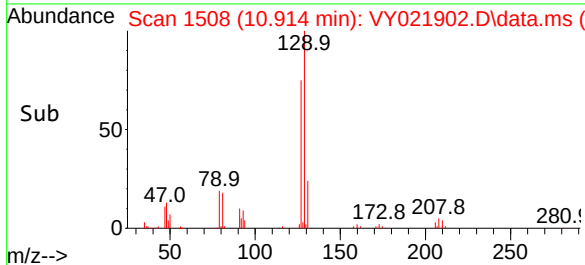
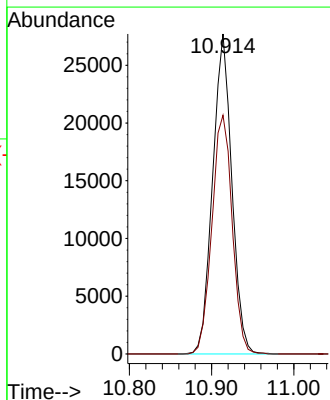
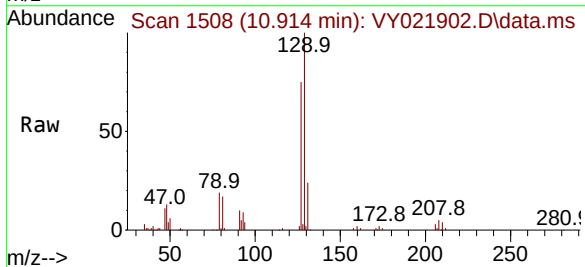
Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBS01

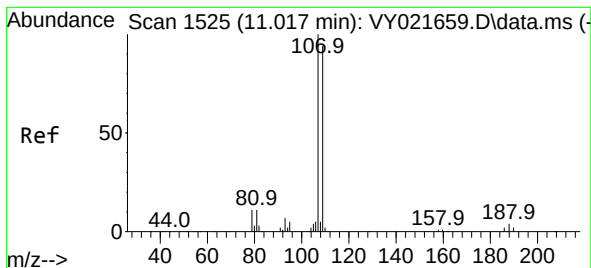
Tgt Ion: 43 Resp: 80667
Ion Ratio Lower Upper
43 100
58 54.2 27.2 81.5



#60
Dibromochloromethane
Concen: 19.690 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021902.D
Acq: 17 Apr 2025 10:06

Tgt Ion: 129 Resp: 44910
Ion Ratio Lower Upper
129 100
127 78.7 38.6 115.7

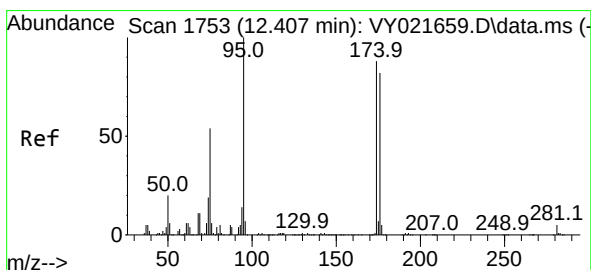
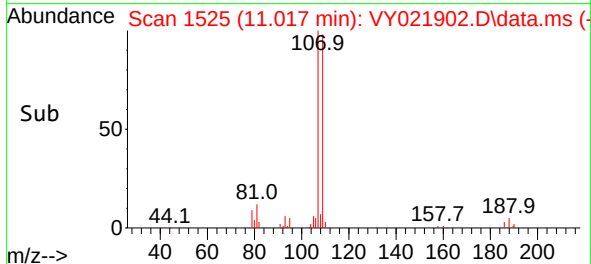
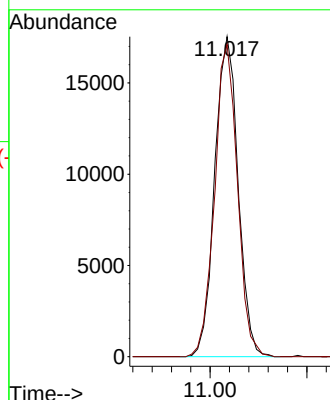
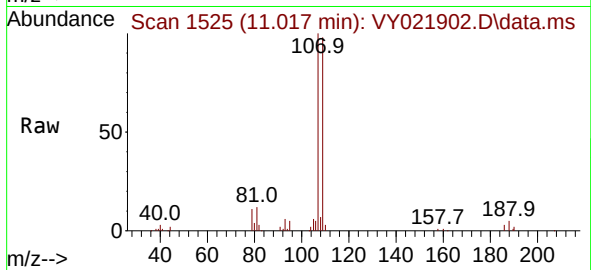




#61
1,2-Dibromoethane
Concen: 18.746 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021902.D
Acq: 17 Apr 2025 10:06

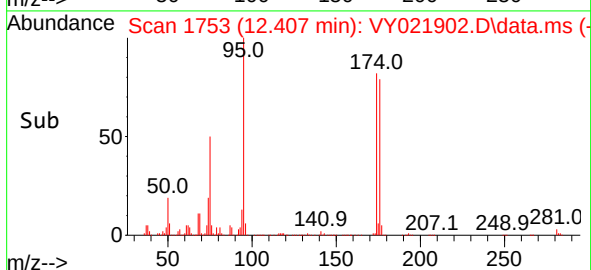
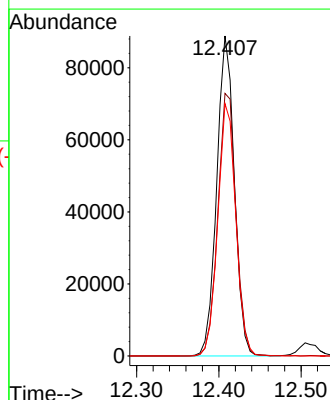
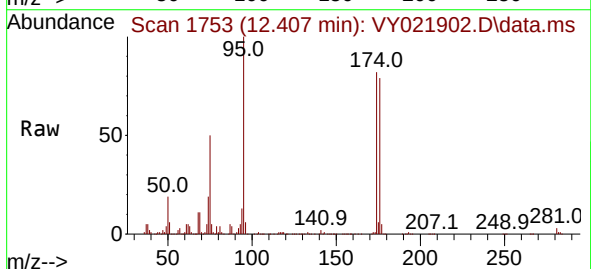
Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBS01

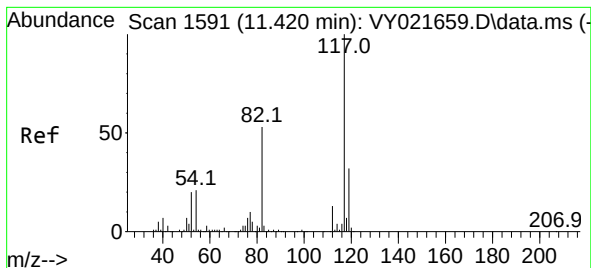
Tgt Ion:107 Resp: 29376
Ion Ratio Lower Upper
107 100
109 95.4 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 49.375 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021902.D
Acq: 17 Apr 2025 10:06

Tgt Ion: 95 Resp: 132540
Ion Ratio Lower Upper
95 100
174 84.7 0.0 170.8
176 80.4 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021902.D

Acq: 17 Apr 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0417SBS01

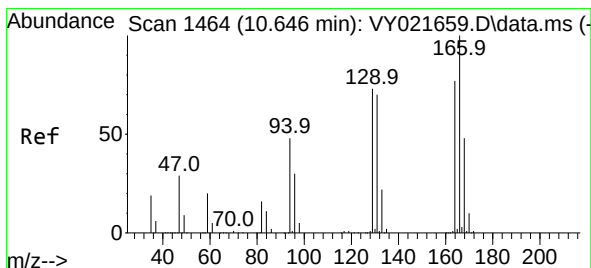
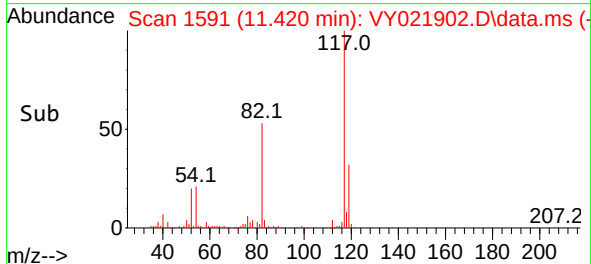
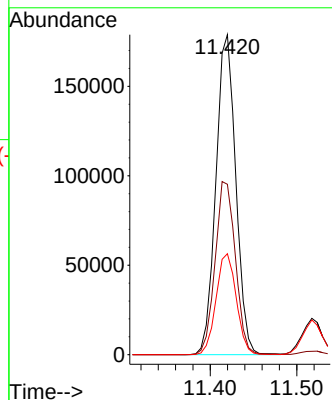
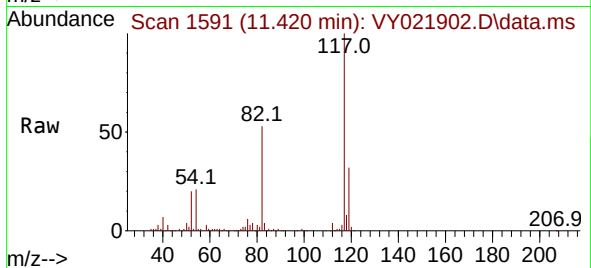
Tgt Ion:117 Resp: 285584

Ion Ratio Lower Upper

117 100

82 53.3 42.8 64.2

119 31.6 25.7 38.5



#64

Tetrachloroethene

Concen: 22.044 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VY021902.D

Acq: 17 Apr 2025 10:06

Tgt Ion:164 Resp: 57338

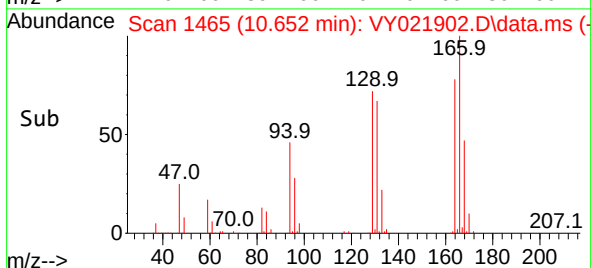
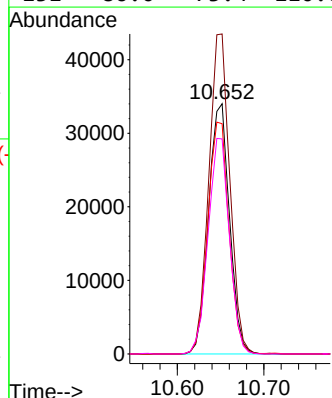
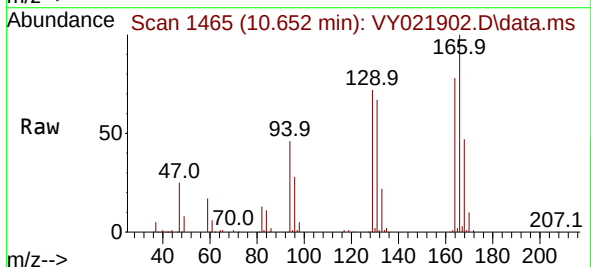
Ion Ratio Lower Upper

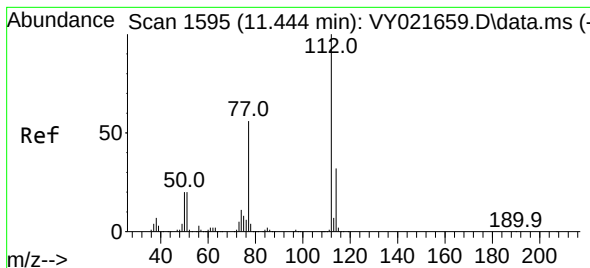
164 100

166 127.9 104.6 156.8

129 92.0 76.6 114.8

131 86.0 73.4 110.0





#65

Chlorobenzene

Concen: 20.048 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021902.D

Acq: 17 Apr 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

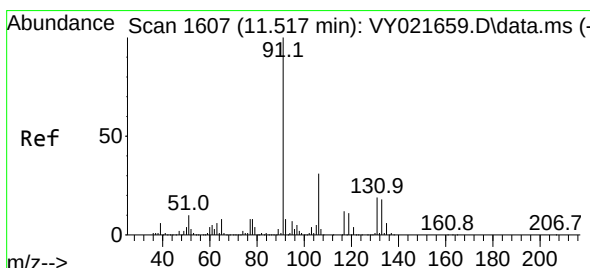
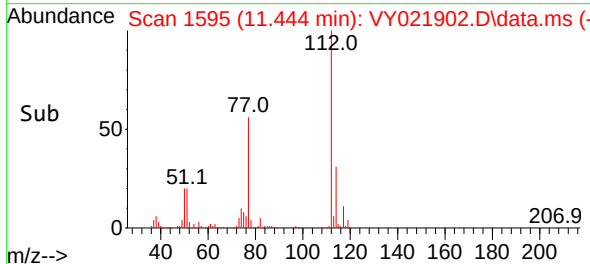
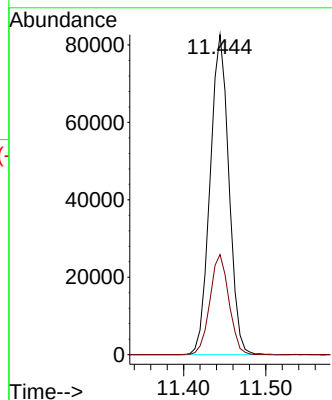
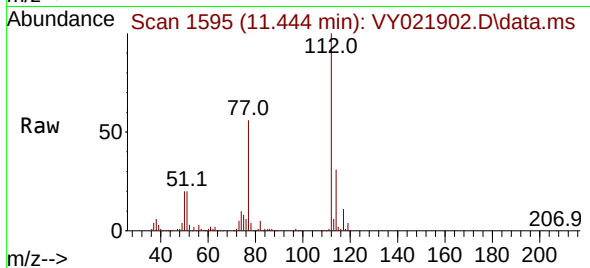
VY0417SBS01

Tgt Ion:112 Resp: 131248

Ion Ratio Lower Upper

112 100

114 31.3 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 19.958 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021902.D

Acq: 17 Apr 2025 10:06

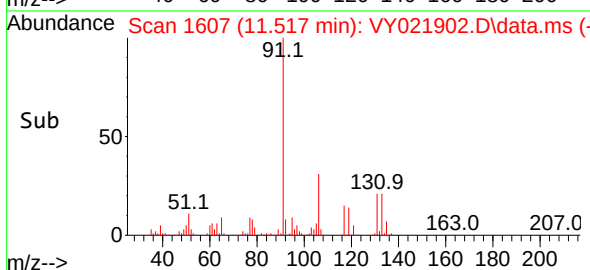
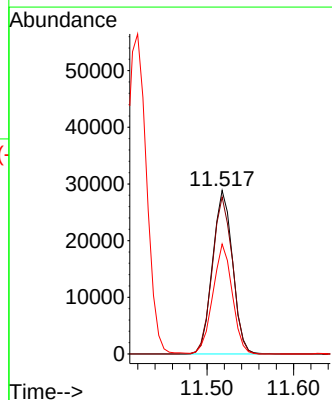
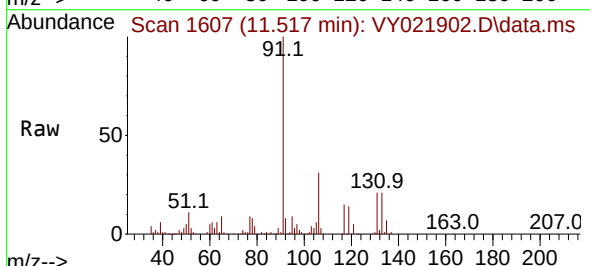
Tgt Ion:131 Resp: 46356

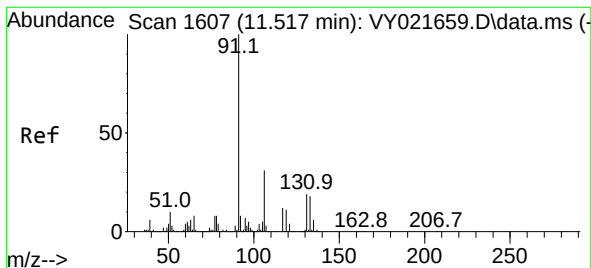
Ion Ratio Lower Upper

131 100

133 96.9 47.3 141.8

119 65.2 31.6 95.0





#67

Ethyl Benzene

Concen: 19.416 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY021902.D

Acq: 17 Apr 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

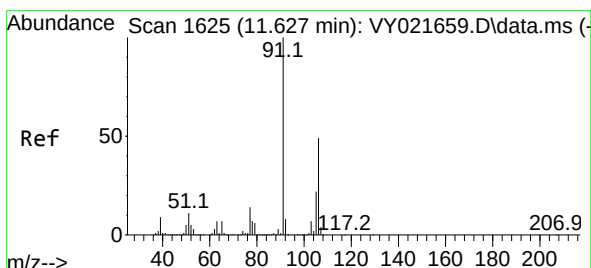
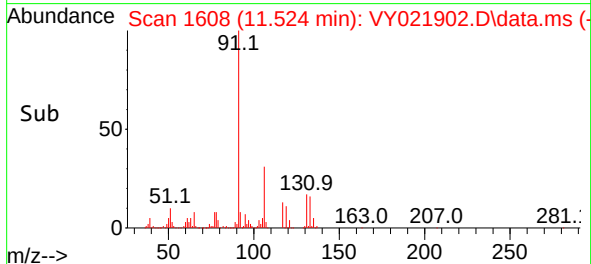
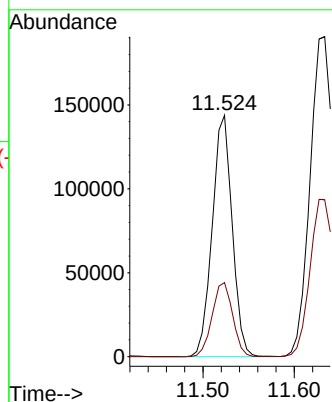
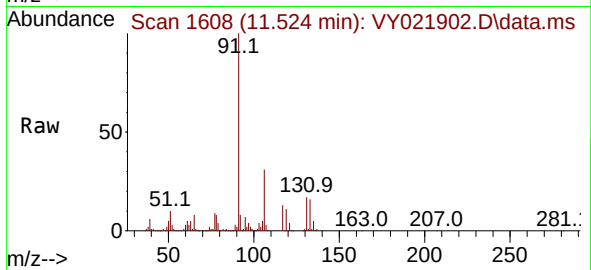
VY0417SBS01

Tgt Ion: 91 Resp: 217964

Ion Ratio Lower Upper

91 100

106 30.7 24.6 36.8



#68

m/p-Xylenes

Concen: 40.372 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021902.D

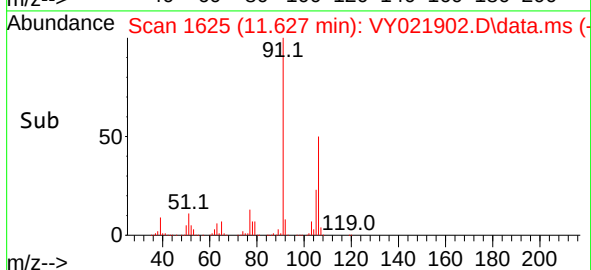
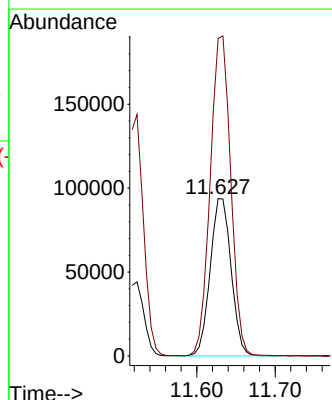
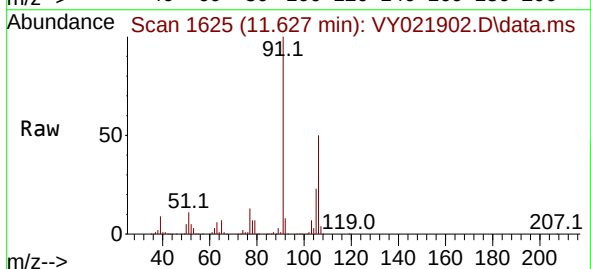
Acq: 17 Apr 2025 10:06

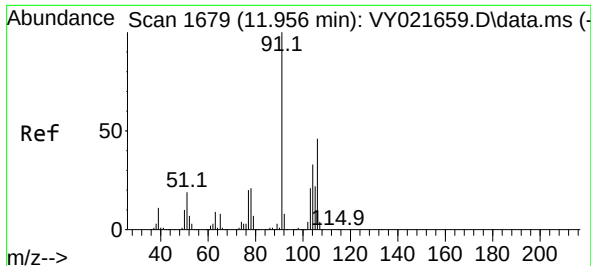
Tgt Ion:106 Resp: 173548

Ion Ratio Lower Upper

106 100

91 200.3 162.4 243.6

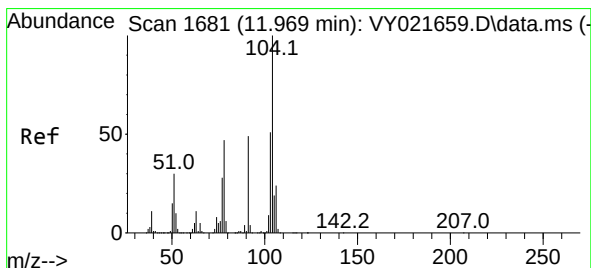
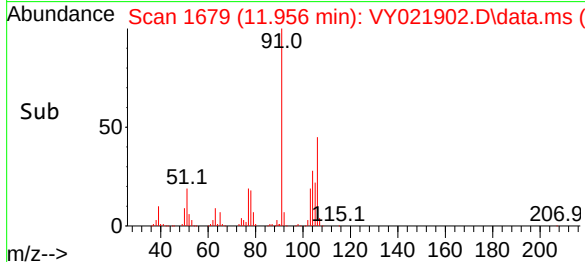
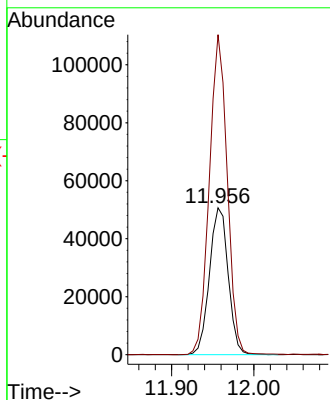
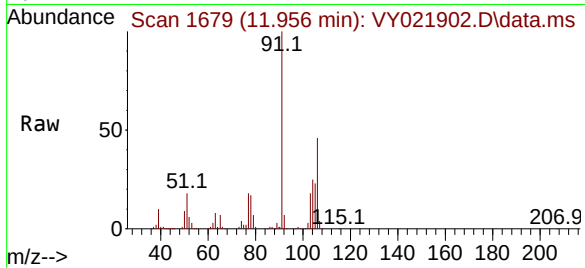




#69
o-Xylene
Concen: 20.202 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021902.D
Acq: 17 Apr 2025 10:06

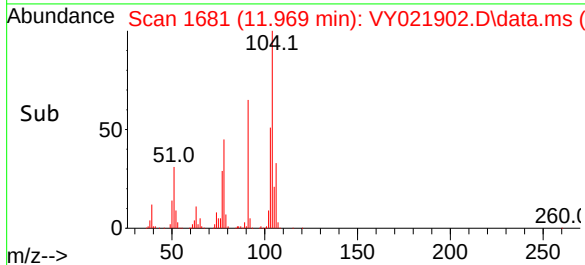
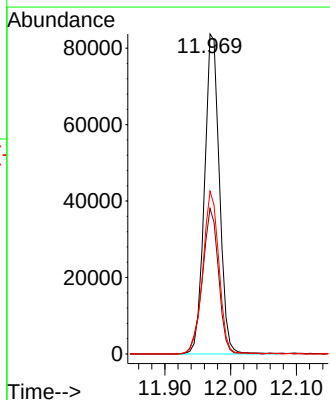
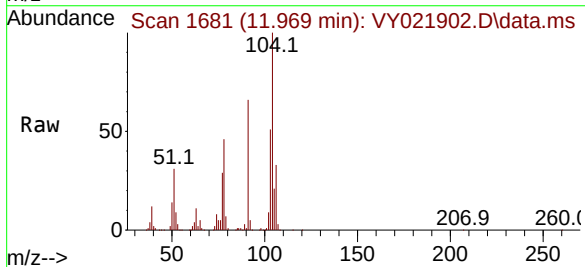
Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBS01

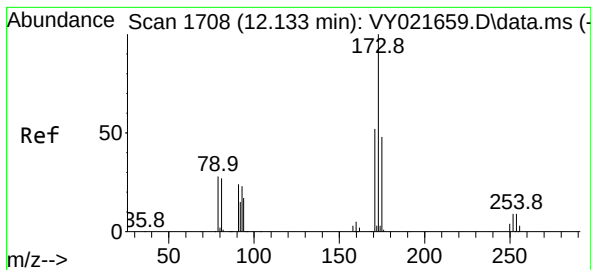
Tgt Ion:106 Resp: 80164
Ion Ratio Lower Upper
106 100
91 208.6 106.7 319.9



#70
Styrene
Concen: 20.015 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021902.D
Acq: 17 Apr 2025 10:06

Tgt Ion:104 Resp: 132422
Ion Ratio Lower Upper
104 100
78 49.1 40.8 61.2
103 54.8 44.2 66.2





#71

Bromoform

Concen: 19.911 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY021902.D

Acq: 17 Apr 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0417SBS01

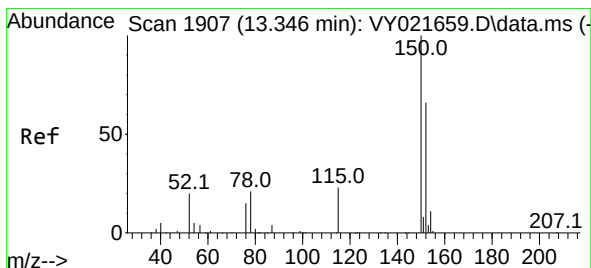
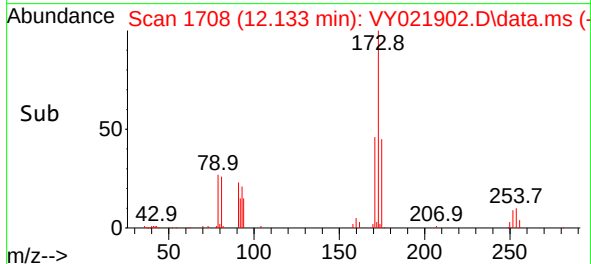
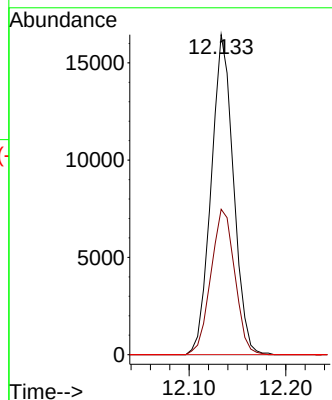
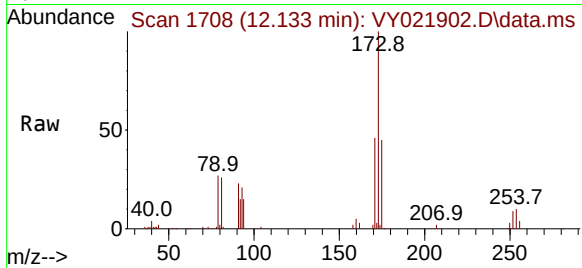
Tgt Ion:173 Resp: 26381

Ion Ratio Lower Upper

173 100

175 48.6 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021902.D

Acq: 17 Apr 2025 10:06

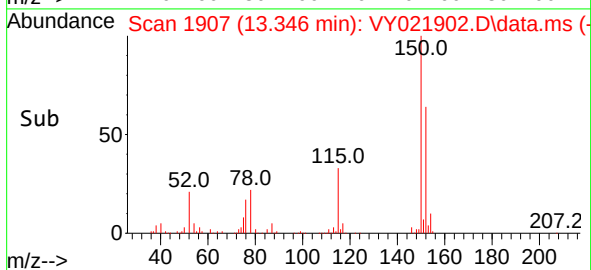
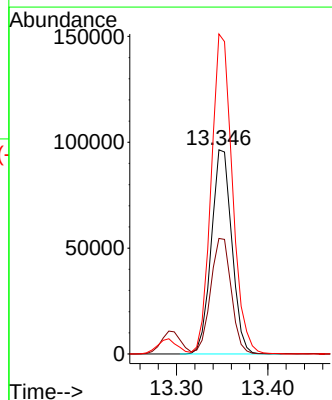
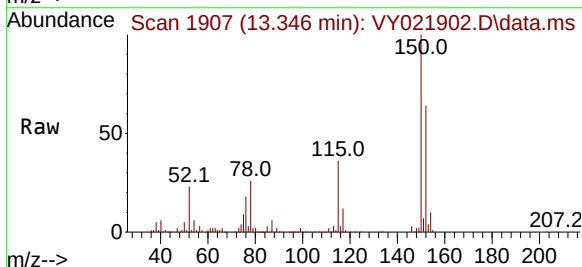
Tgt Ion:152 Resp: 150278

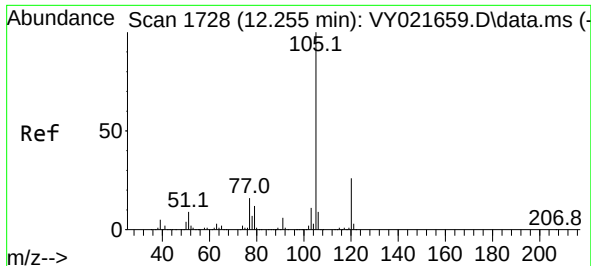
Ion Ratio Lower Upper

152 100

115 56.7 28.8 86.5

150 161.7 0.0 348.4

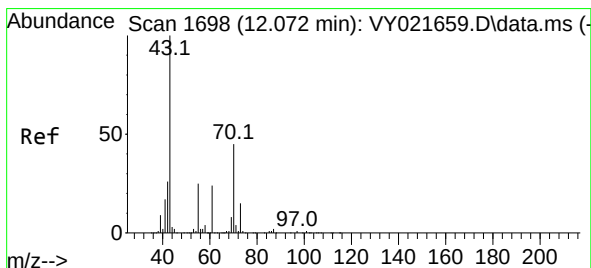
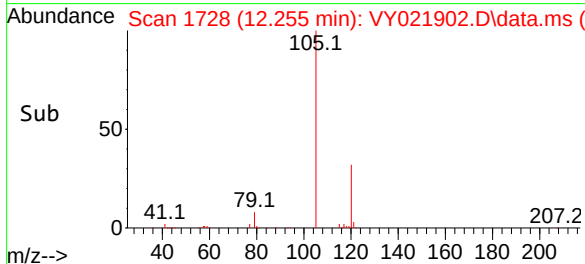
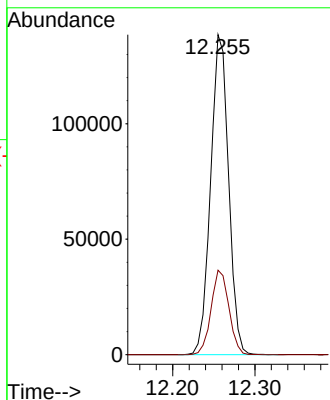
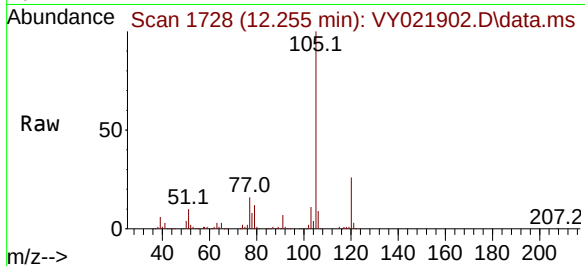




#73
Isopropylbenzene
Concen: 18.804 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021902.D
Acq: 17 Apr 2025 10:06

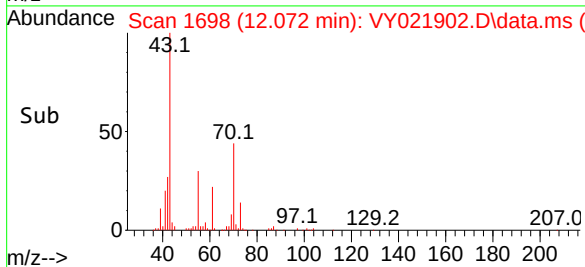
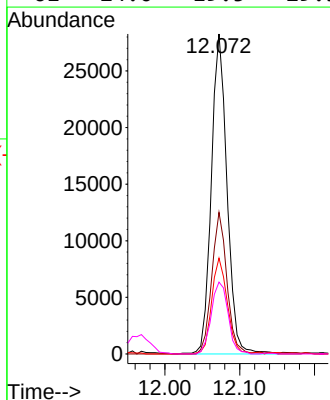
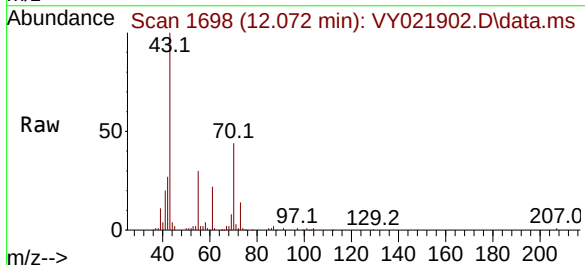
Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBS01

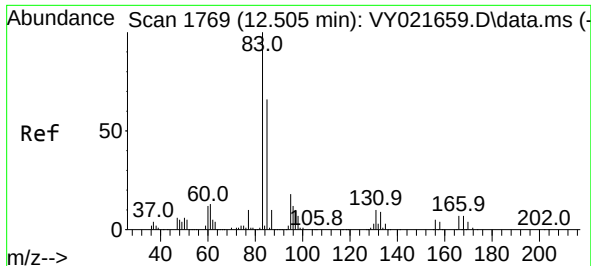
Tgt Ion:105 Resp: 209887
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.5



#74
N-ethyl acetate
Concen: 15.775 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021902.D
Acq: 17 Apr 2025 10:06

Tgt Ion: 43 Resp: 41324
Ion Ratio Lower Upper
43 100
70 42.7 34.7 52.1
55 30.0 21.2 31.8
61 24.0 19.5 29.3

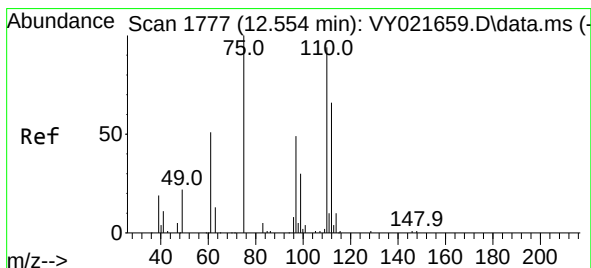
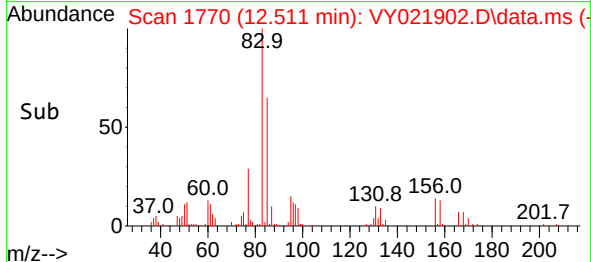
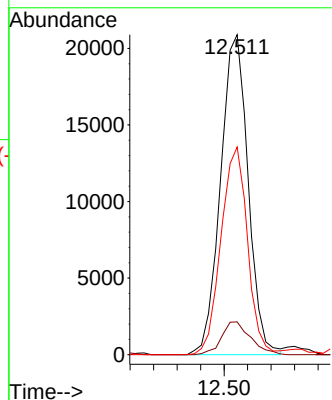
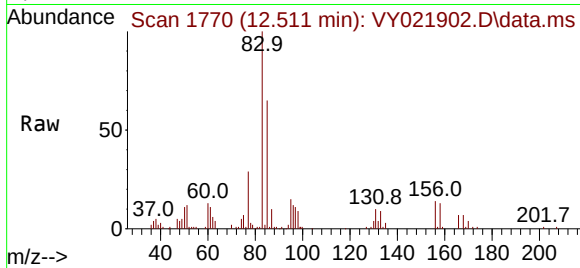




#75
 1,1,2,2-Tetrachloroethane
 Concen: 16.975 ug/l
 RT: 12.511 min Scan# 1770
 Delta R.T. 0.006 min
 Lab File: VY021902.D
 Acq: 17 Apr 2025 10:06

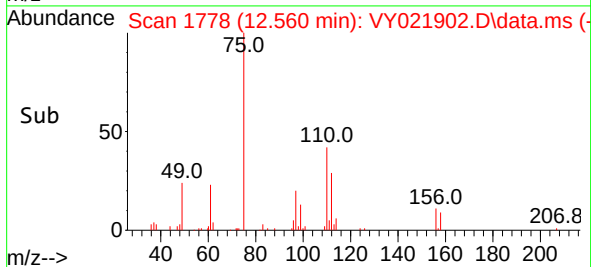
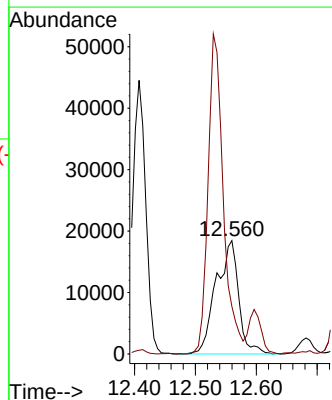
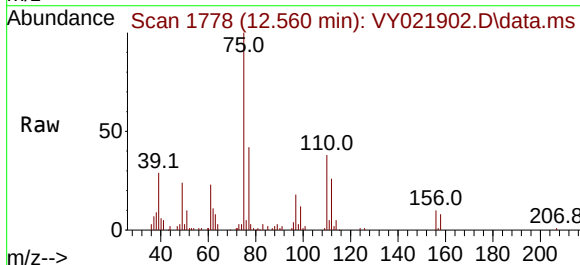
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0417SBS01

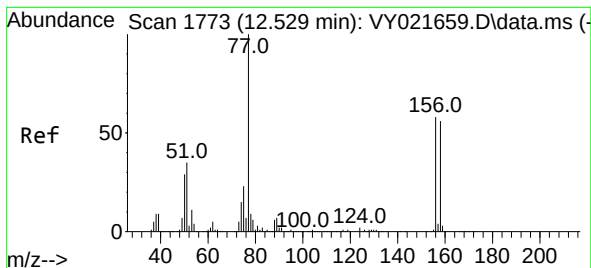
Tgt Ion: 83 Resp: 34065
 Ion Ratio Lower Upper
 83 100
 131 10.8 5.1 15.3
 85 62.5 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 31.833 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.006 min
 Lab File: VY021902.D
 Acq: 17 Apr 2025 10:06

Tgt Ion: 75 Resp: 47420
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.189 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY021902.D

Acq: 17 Apr 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0417SBS01

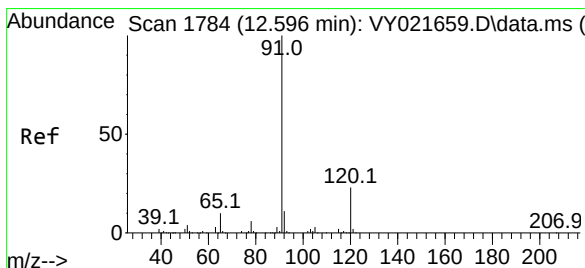
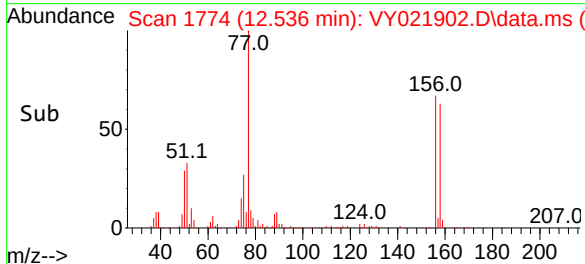
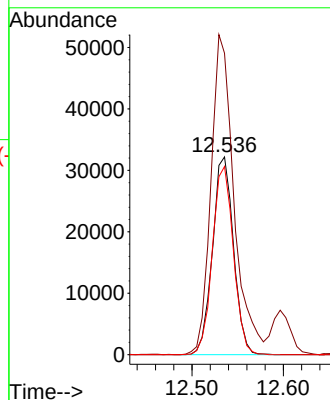
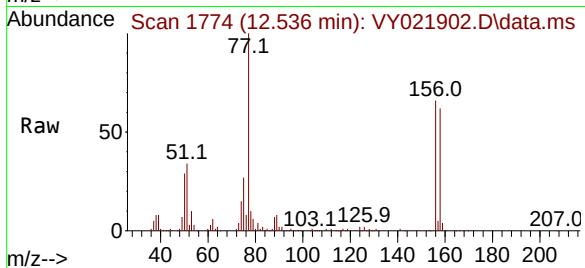
Tgt Ion:156 Resp: 51425

Ion Ratio Lower Upper

156 100

77 177.2 92.8 278.3

158 95.3 48.5 145.6



#78

n-propylbenzene

Concen: 19.309 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY021902.D

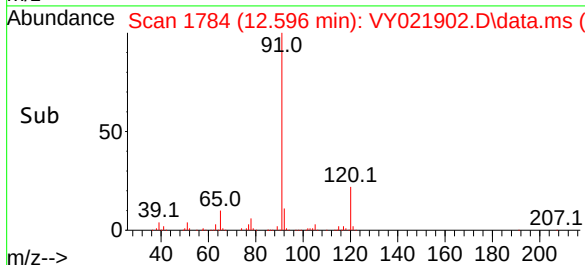
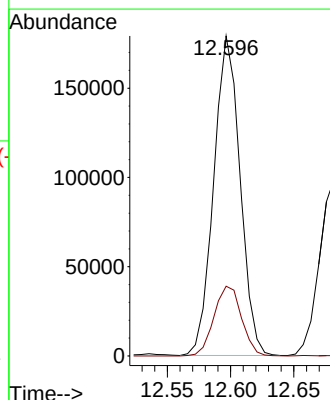
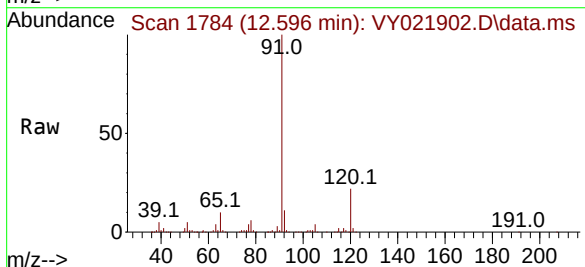
Acq: 17 Apr 2025 10:06

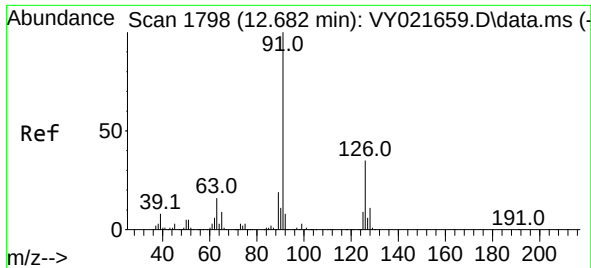
Tgt Ion: 91 Resp: 259109

Ion Ratio Lower Upper

91 100

120 22.8 11.3 33.9

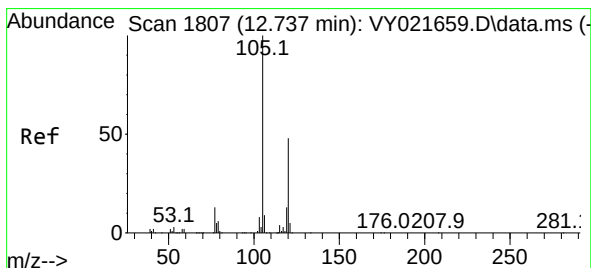
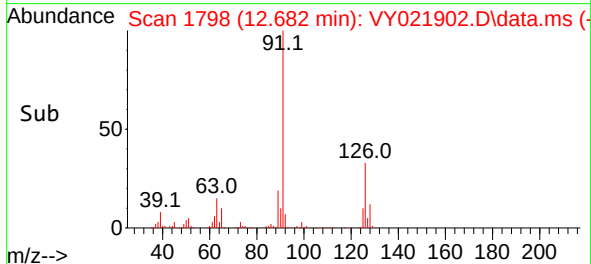
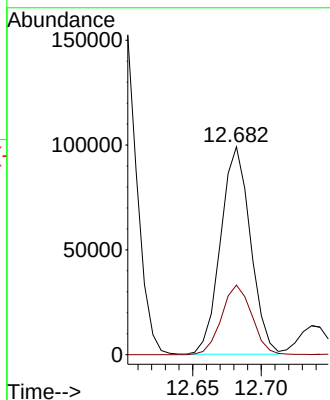
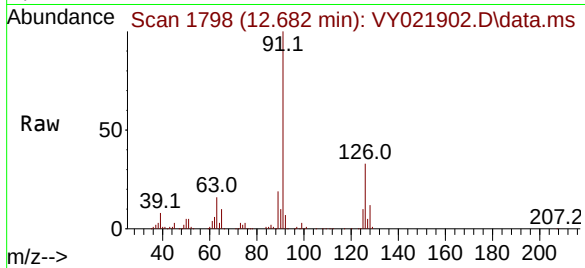




#79
2-Chlorotoluene
Concen: 19.271 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021902.D
Acq: 17 Apr 2025 10:06

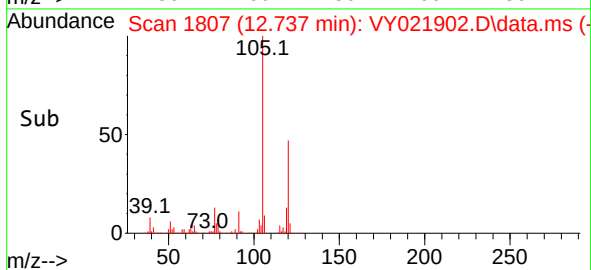
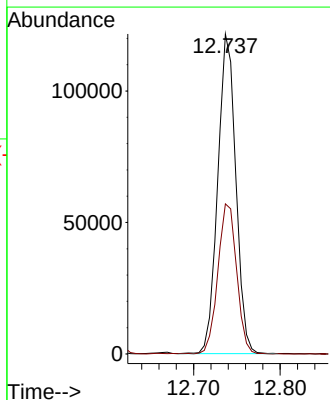
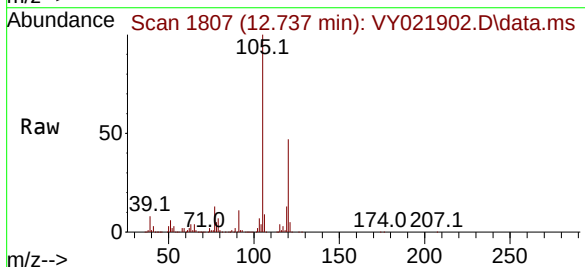
Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBS01

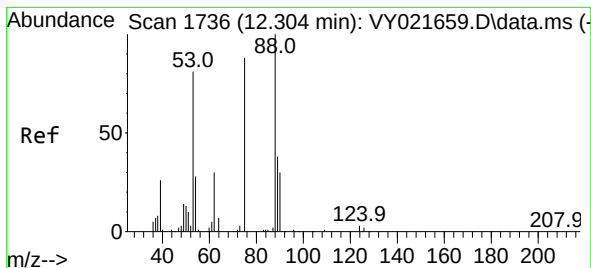
Tgt Ion: 91 Resp: 150200
Ion Ratio Lower Upper
91 100
126 34.0 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 19.303 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021902.D
Acq: 17 Apr 2025 10:06

Tgt Ion: 105 Resp: 176089
Ion Ratio Lower Upper
105 100
120 48.8 24.5 73.5

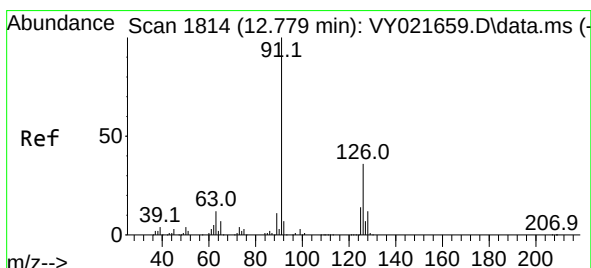
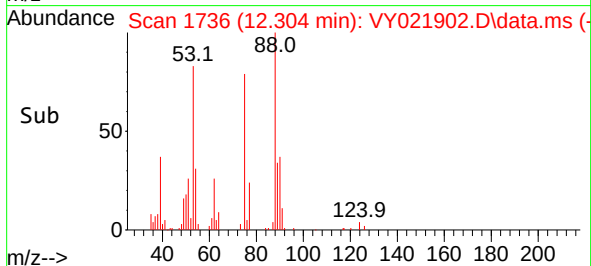
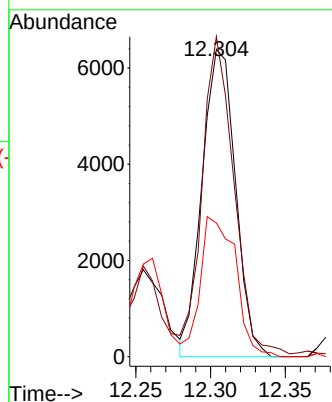
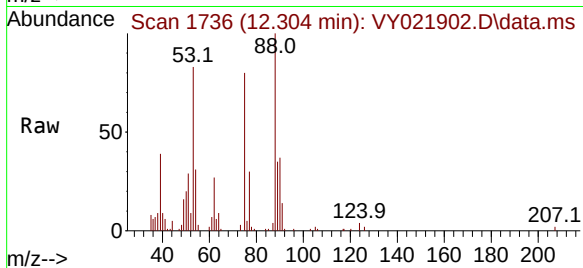




#81
trans-1,4-Dichloro-2-butene
Concen: 15.353 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021902.D
Acq: 17 Apr 2025 10:06

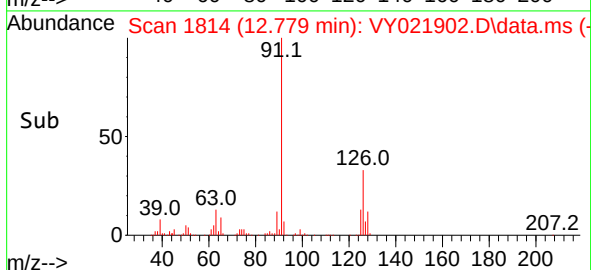
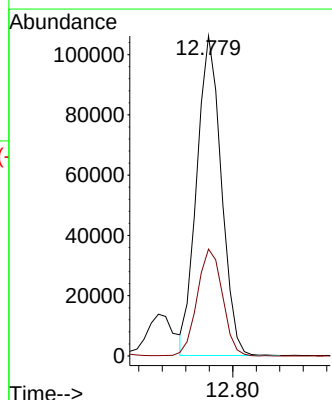
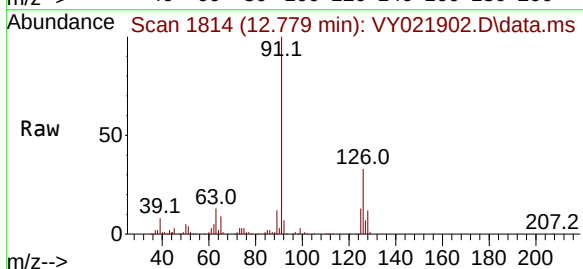
Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBS01

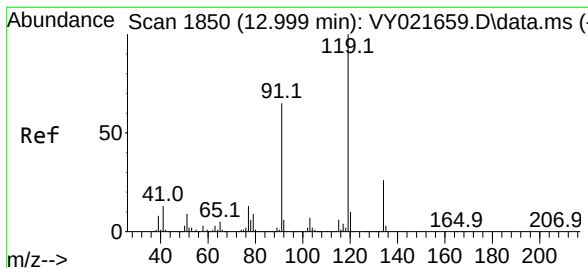
Tgt Ion: 75 Resp: 9926
Ion Ratio Lower Upper
75 100
53 96.5 76.1 114.1
89 48.2 36.2 54.4



#82
4-Chlorotoluene
Concen: 18.927 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021902.D
Acq: 17 Apr 2025 10:06

Tgt Ion: 91 Resp: 153795
Ion Ratio Lower Upper
91 100
126 34.5 17.0 50.9





#83

tert-Butylbenzene

Concen: 18.855 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021902.D

Acq: 17 Apr 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0417SBS01

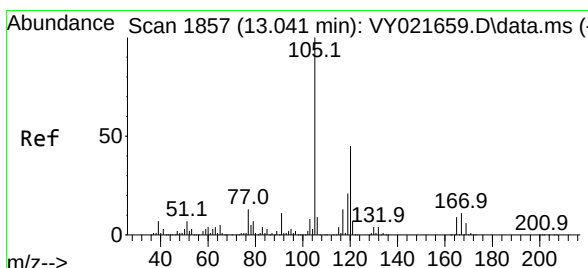
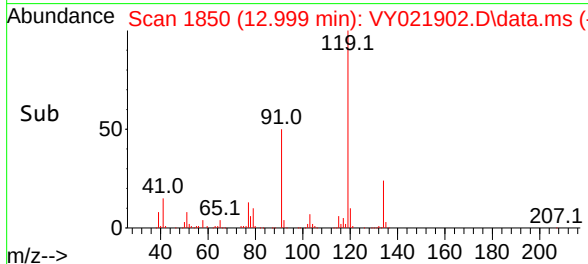
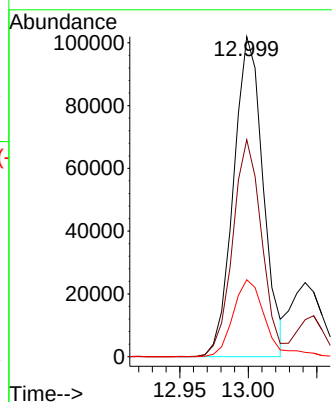
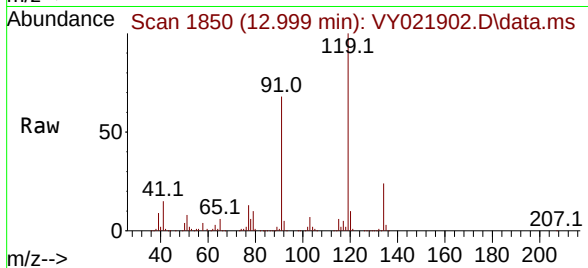
Tgt Ion:119 Resp: 153203

Ion Ratio Lower Upper

119 100

91 67.2 32.6 97.7

134 26.1 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 19.504 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY021902.D

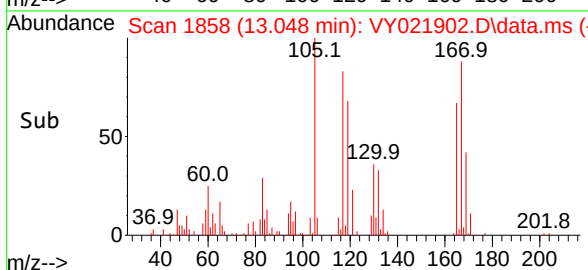
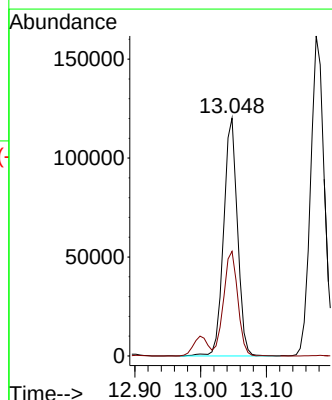
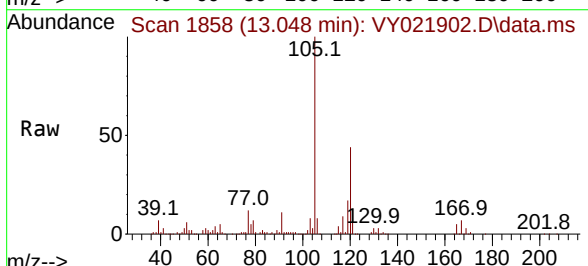
Acq: 17 Apr 2025 10:06

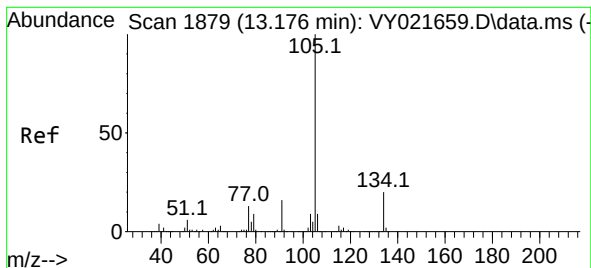
Tgt Ion:105 Resp: 175850

Ion Ratio Lower Upper

105 100

120 45.2 22.7 68.1





#85

sec-Butylbenzene

Concen: 19.654 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021902.D

Acq: 17 Apr 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

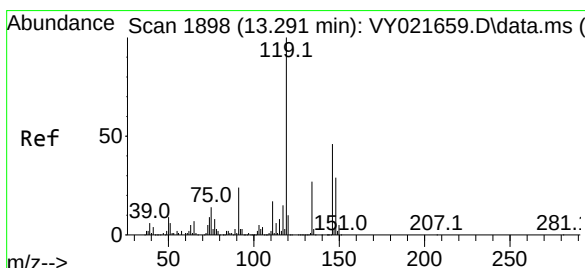
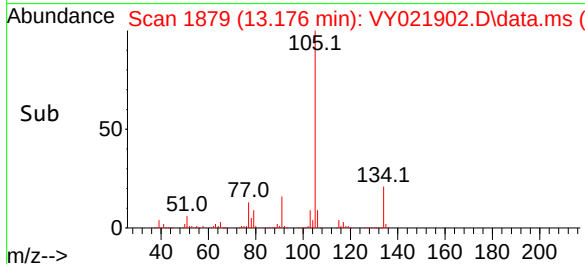
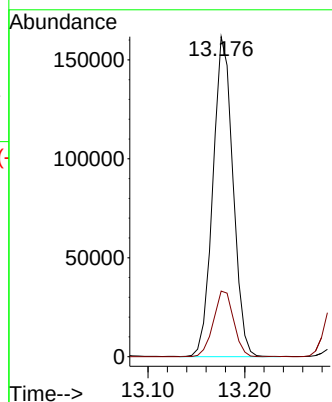
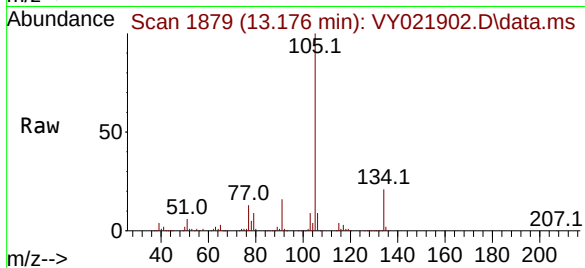
VY0417SBS01

Tgt Ion:105 Resp: 233374

Ion Ratio Lower Upper

105 100

134 20.7 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.625 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021902.D

Acq: 17 Apr 2025 10:06

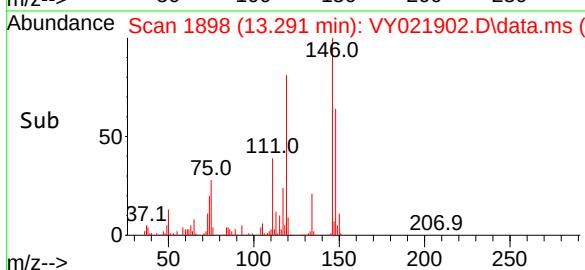
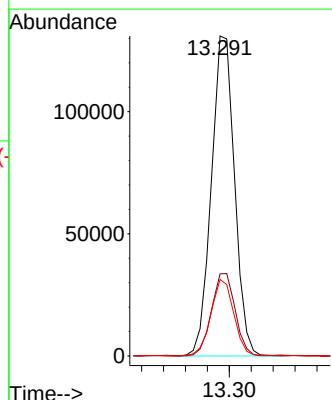
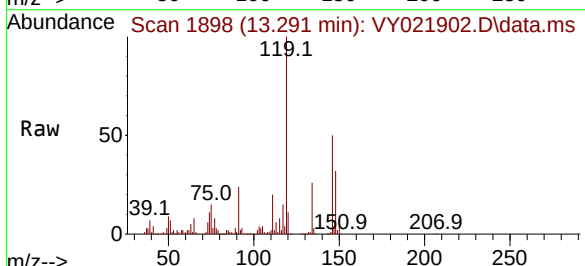
Tgt Ion:119 Resp: 192602

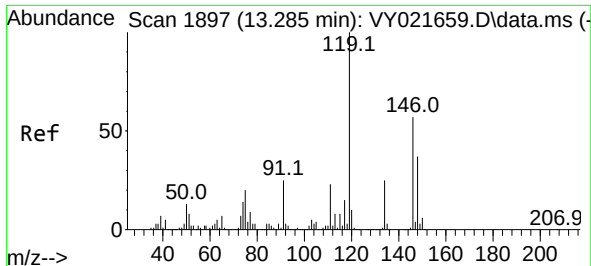
Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.5

91 23.4 12.0 36.0

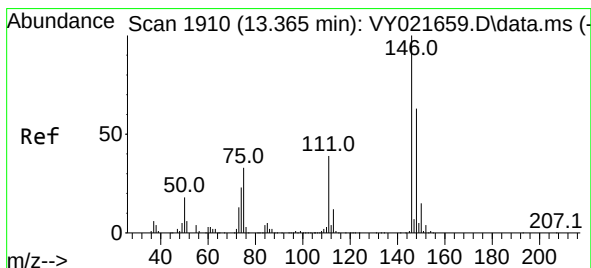
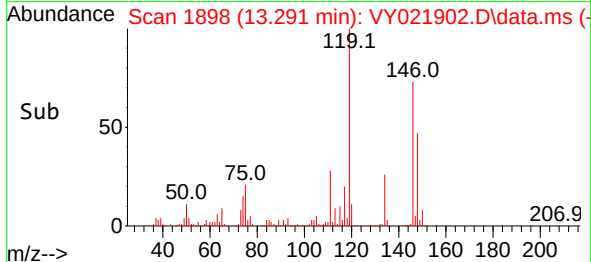
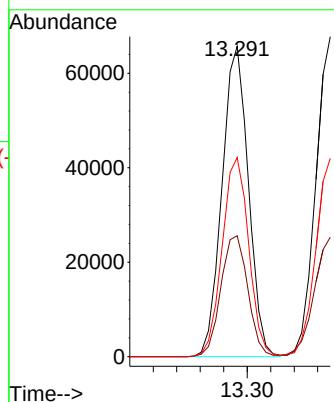
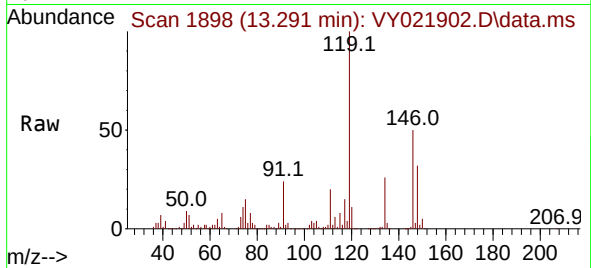




#87
 1,3-Dichlorobenzene
 Concen: 19.383 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY021902.D
 Acq: 17 Apr 2025 10:06

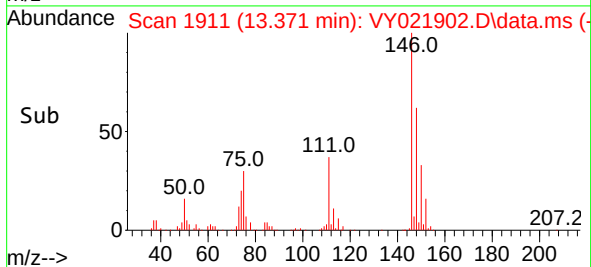
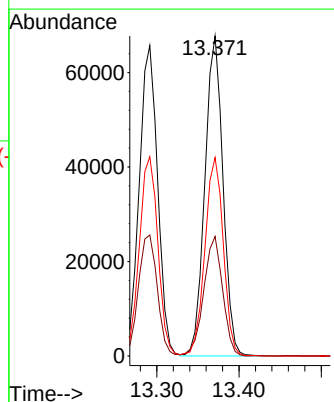
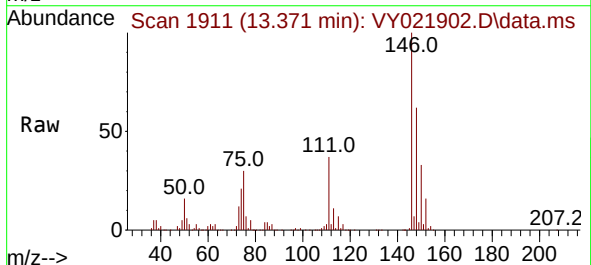
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0417SBS01

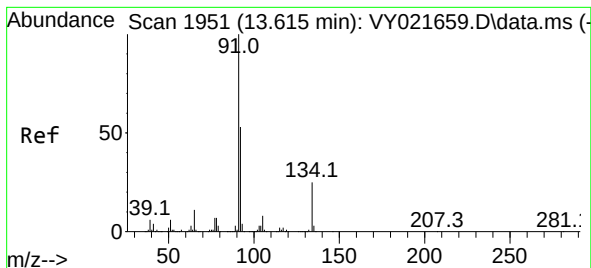
Tgt Ion:146 Resp: 102341
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.0 60.0
 148 64.8 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 19.877 ug/l
 RT: 13.371 min Scan# 1911
 Delta R.T. 0.006 min
 Lab File: VY021902.D
 Acq: 17 Apr 2025 10:06

Tgt Ion:146 Resp: 103691
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.1 57.1
 148 63.1 31.5 94.5





#89

n-Butylbenzene

Concen: 19.176 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY021902.D

Acq: 17 Apr 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0417SBS01

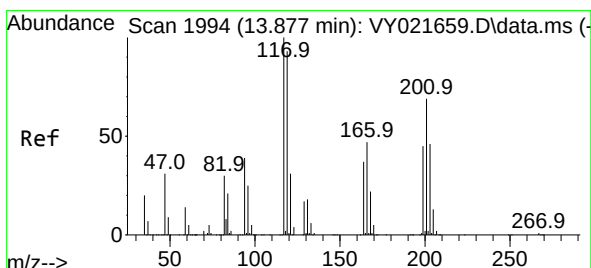
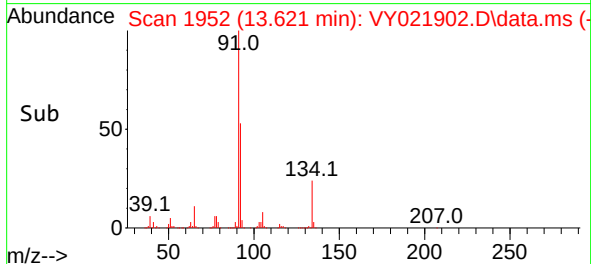
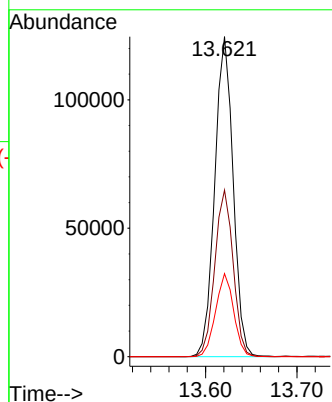
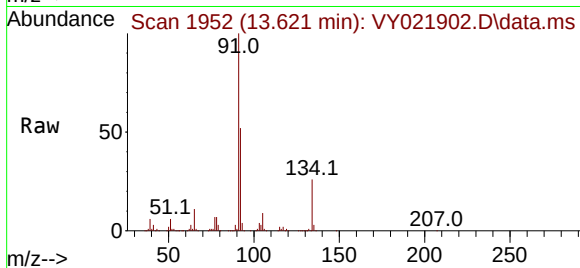
Tgt Ion: 91 Resp: 174047

Ion Ratio Lower Upper

91 100

92 52.1 26.4 79.2

134 25.6 12.8 38.4



#90

Hexachloroethane

Concen: 19.659 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY021902.D

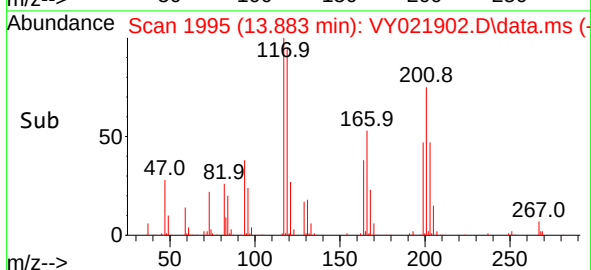
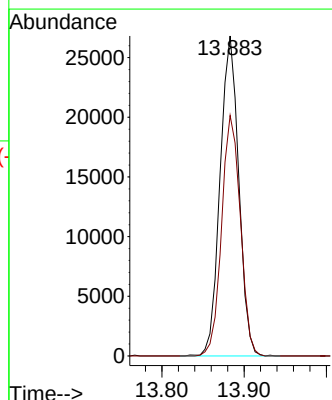
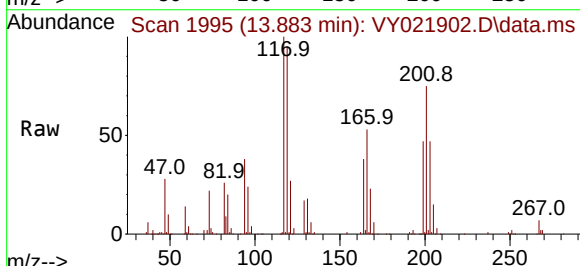
Acq: 17 Apr 2025 10:06

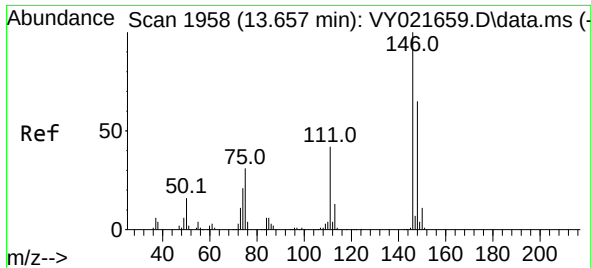
Tgt Ion: 117 Resp: 42280

Ion Ratio Lower Upper

117 100

201 75.5 37.4 112.1

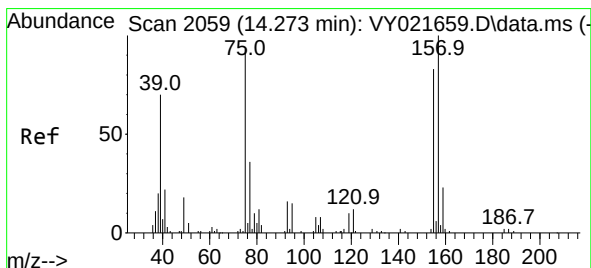
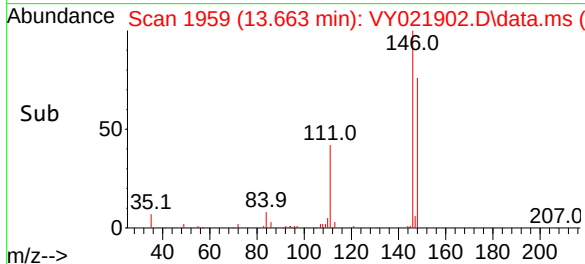
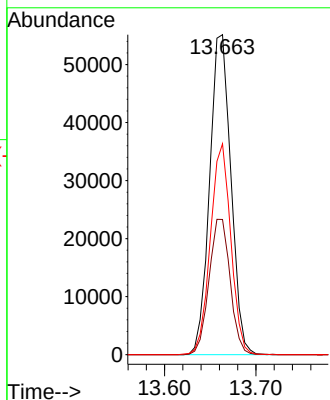
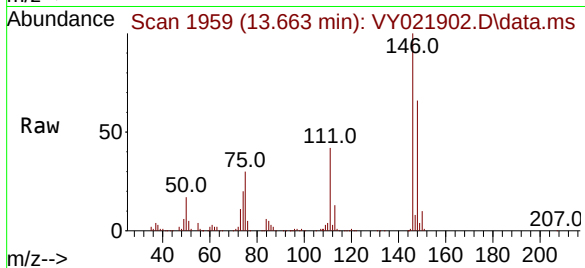




#91
1,2-Dichlorobenzene
Concen: 19.372 ug/l
RT: 13.663 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VY021902.D
Acq: 17 Apr 2025 10:06

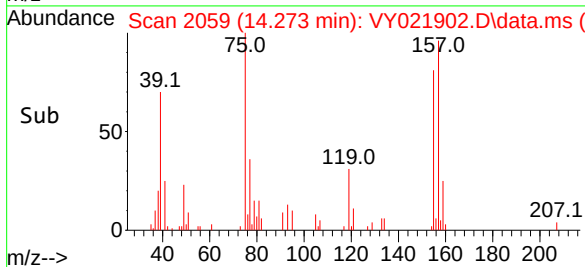
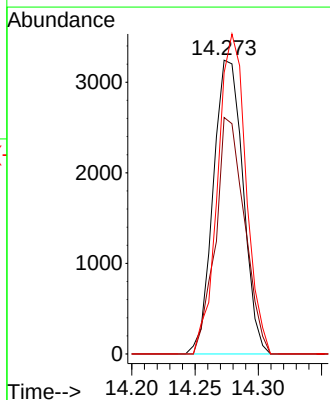
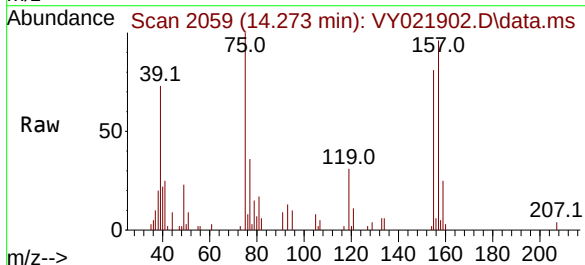
Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBS01

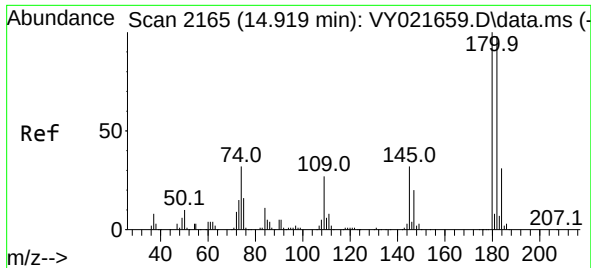
Tgt Ion:146 Resp: 89039
Ion Ratio Lower Upper
146 100
111 42.1 20.7 62.1
148 63.4 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.002 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021902.D
Acq: 17 Apr 2025 10:06

Tgt Ion: 75 Resp: 5288
Ion Ratio Lower Upper
75 100
155 78.7 43.0 128.8
157 104.1 54.0 162.0

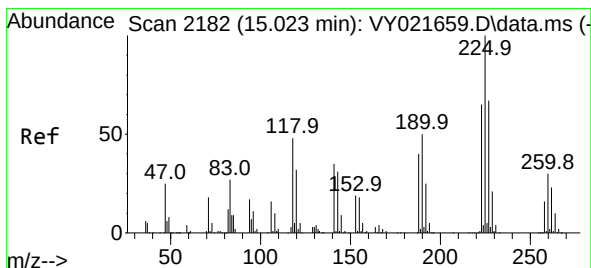
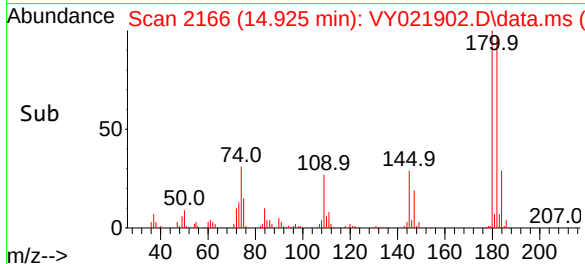
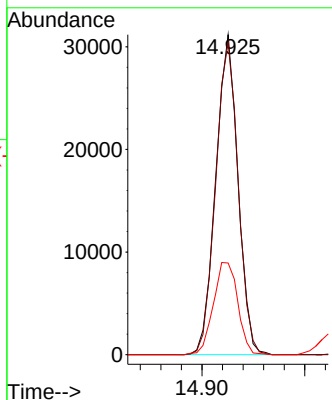
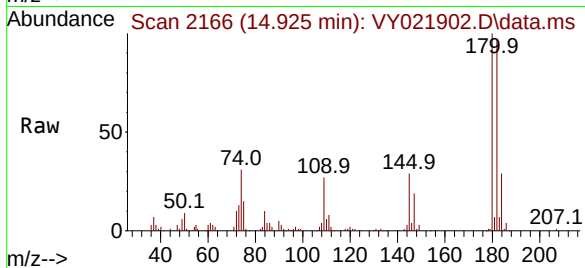




#93
 1,2,4-Trichlorobenzene
 Concen: 18.738 ug/l
 RT: 14.925 min Scan# 2166
 Delta R.T. 0.006 min
 Lab File: VY021902.D
 Acq: 17 Apr 2025 10:06

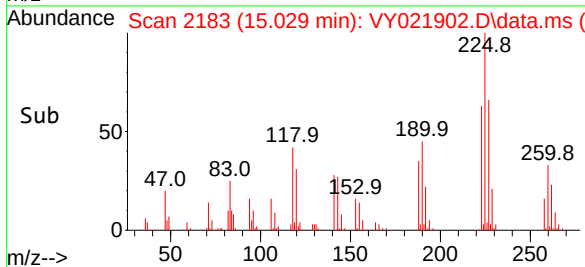
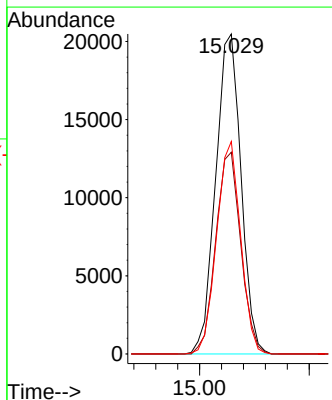
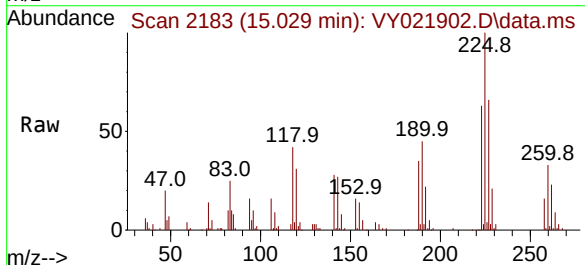
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0417SBS01

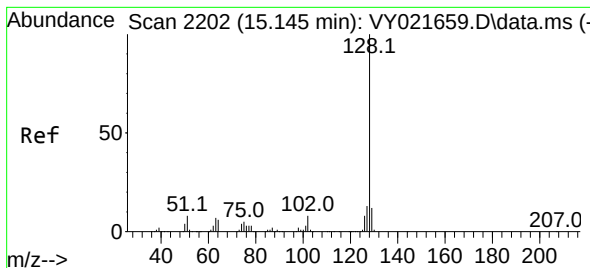
Tgt Ion:180 Resp: 46705
 Ion Ratio Lower Upper
 180 100
 182 98.8 47.5 142.6
 145 31.6 14.9 44.9



#94
 Hexachlorobutadiene
 Concen: 21.118 ug/l
 RT: 15.029 min Scan# 2183
 Delta R.T. 0.006 min
 Lab File: VY021902.D
 Acq: 17 Apr 2025 10:06

Tgt Ion:225 Resp: 32874
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.9 95.7
 227 62.9 32.4 97.0





#95

Naphthalene

Concen: 17.153 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY021902.D

Acq: 17 Apr 2025 10:06

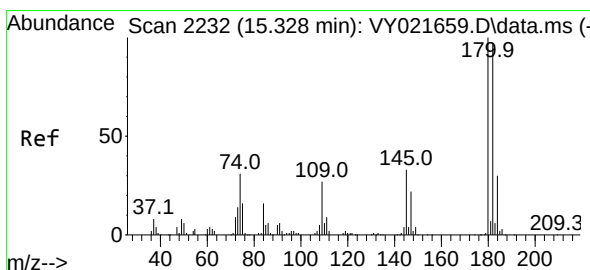
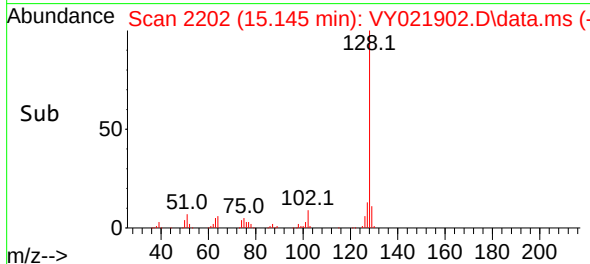
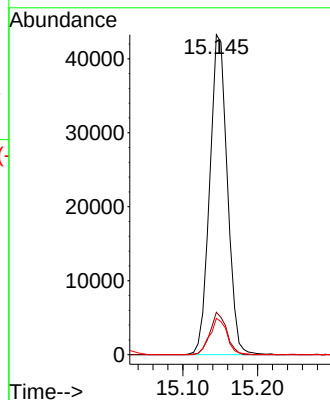
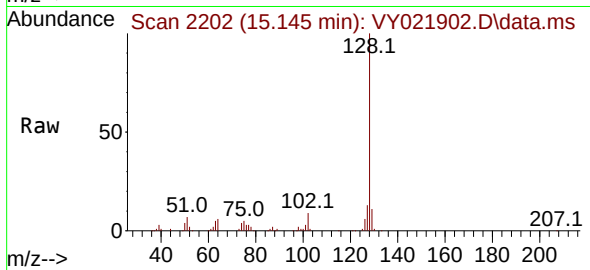
Instrument :

MSVOA_Y

ClientSampleId :

VY0417SBS01

Tgt Ion:128	Resp:	70866
Ion Ratio	Lower	Upper
128	100	
127	12.6	10.8 16.2
129	11.2	8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 18.917 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY021902.D

Acq: 17 Apr 2025 10:06

Tgt Ion:180	Resp:	40207
Ion Ratio	Lower	Upper
180	100	
182	95.2	47.5 142.5
145	32.4	15.9 47.7

